

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
 Data File : VN087371.D
 Acq On : 21 Jul 2025 11:55
 Operator : JC\MD
 Sample : VN0721WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

Quant Time: Jul 22 03:04:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.206	168	195078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	337215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	308523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	161452	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	156616	47.315	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.640%
35) Dibromofluoromethane	8.153	113	113549	48.815	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.640%
50) Toluene-d8	10.547	98	418084	50.387	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.829	95	152963	49.898	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	45478	21.949	ug/l	93
3) Chloromethane	2.389	50	49057	18.828	ug/l	96
4) Vinyl Chloride	2.542	62	49167	18.988	ug/l	97
5) Bromomethane	2.983	94	25728	19.187	ug/l	97
6) Chloroethane	3.142	64	30502	18.063	ug/l	92
7) Trichlorofluoromethane	3.512	101	73088	19.089	ug/l	89
8) Diethyl Ether	3.965	74	25832	17.392	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	40048	20.375	ug/l	98
10) Methyl Iodide	4.577	142	28199	18.006	ug/l	98
11) Tert butyl alcohol	5.524	59	53952	85.841	ug/l	98
12) 1,1-Dichloroethene	4.336	96	40303	18.095	ug/l	95
13) Acrolein	4.183	56	42192	83.649	ug/l	93
14) Allyl chloride	5.018	41	69156	17.157	ug/l	99
15) Acrylonitrile	5.712	53	142826	83.743	ug/l	99
16) Acetone	4.424	43	133162	85.801	ug/l	99
17) Carbon Disulfide	4.706	76	121611	18.416	ug/l	95
18) Methyl Acetate	5.018	43	68652	17.607	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	140893	17.162	ug/l	97
20) Methylene Chloride	5.271	84	46556	17.327	ug/l	89
21) trans-1,2-Dichloroethene	5.771	96	44578	17.750	ug/l	92
22) Diisopropyl ether	6.659	45	157889	18.674	ug/l	94
23) Vinyl Acetate	6.588	43	694729	93.948	ug/l	99
24) 1,1-Dichloroethane	6.559	63	85653	17.559	ug/l	98
25) 2-Butanone	7.471	43	207099	86.364	ug/l	99
26) 2,2-Dichloropropane	7.477	77	77666	20.479	ug/l	96
27) cis-1,2-Dichloroethene	7.471	96	51900	17.950	ug/l	98
28) Bromochloromethane	7.800	49	41440	17.751	ug/l	99
29) Tetrahydrofuran	7.830	42	131520	84.427	ug/l	99
30) Chloroform	7.947	83	87539	17.929	ug/l	97
31) Cyclohexane	8.241	56	81992	20.149	ug/l	93
32) 1,1,1-Trichloroethane	8.153	97	78792	18.632	ug/l	97
36) 1,1-Dichloropropene	8.359	75	61263	19.935	ug/l	100
37) Ethyl Acetate	7.553	43	78541	17.696	ug/l	96
38) Carbon Tetrachloride	8.347	117	66297	19.583	ug/l	93
39) Methylcyclohexane	9.582	83	69647	20.933	ug/l #	91
40) Benzene	8.588	78	192485	19.379	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	41272	17.784	ug/l	96
42) 1,2-Dichloroethane	8.653	62	68935	18.301	ug/l	99
43) Isopropyl Acetate	8.677	43	124383	18.053	ug/l	100
44) Trichloroethene	9.335	130	44065	18.776	ug/l	86
45) 1,2-Dichloropropane	9.600	63	48604	19.258	ug/l #	87
46) Dibromomethane	9.694	93	34607	18.314	ug/l	98
47) Bromodichloromethane	9.871	83	69750	18.326	ug/l	94
48) Methyl methacrylate	9.665	41	55452	17.877	ug/l	97
49) 1,4-Dioxane	9.677	88	17060	359.104	ug/l #	97
51) 4-Methyl-2-Pentanone	10.429	43	401014	92.023	ug/l	99
52) Toluene	10.612	92	116138	19.237	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	72070	18.710	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	74540	18.734	ug/l	96
55) 1,1,2-Trichloroethane	11.000	97	45751	18.718	ug/l #	87
56) Ethyl methacrylate	10.859	69	66938	17.074	ug/l	97
57) 1,3-Dichloropropane	11.141	76	78676	18.617	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	195869	97.690	ug/l	100
59) 2-Hexanone	11.176	43	264794	91.587	ug/l	99
60) Dibromochloromethane	11.341	129	52477	18.826	ug/l	96
61) 1,2-Dibromoethane	11.453	107	44615	17.360	ug/l	99
64) Tetrachloroethene	11.082	164	36432	18.347	ug/l	97
65) Chlorobenzene	11.871	112	128645	18.573	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	44082	18.716	ug/l	99
67) Ethyl Benzene	11.941	91	206561	18.115	ug/l	99
68) m/p-Xylenes	12.053	106	168727	39.515	ug/l	98
69) o-Xylene	12.376	106	75002	18.388	ug/l	100
70) Styrene	12.394	104	132593	19.325	ug/l	99
71) Bromoform	12.559	173	34591	18.179	ug/l #	97
73) Isopropylbenzene	12.676	105	198119	19.497	ug/l	98
74) N-amyl acetate	12.512	43	32071	7.596	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.918	83	70547	18.451	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	94564	26.120	ug/l	53
77) Bromobenzene	12.959	156	49824	18.906	ug/l	99
78) n-propylbenzene	13.018	91	256928	20.096	ug/l	100
79) 2-Chlorotoluene	13.106	91	152583	19.419	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	174332	20.136	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.723	75	22951	17.345	ug/l	95
82) 4-Chlorotoluene	13.200	91	154290	18.861	ug/l	99
83) tert-Butylbenzene	13.417	119	146165	20.214	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	177920	20.123	ug/l	100
85) sec-Butylbenzene	13.594	105	220837	20.275	ug/l	99
86) p-Isopropyltoluene	13.706	119	181563	20.801	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	98893	19.120	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	99576	18.026	ug/l	95
89) n-Butylbenzene	14.035	91	170515	20.458	ug/l	99
90) Hexachloroethane	14.306	117	36514	19.744	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	94733	19.334	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.694	75	16367	16.304	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	55564	19.305	ug/l	99
94) Hexachlorobutadiene	15.476	225	24726	23.120	ug/l	96
95) Naphthalene	15.617	128	175395	17.202	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	54756	18.966	ug/l	99

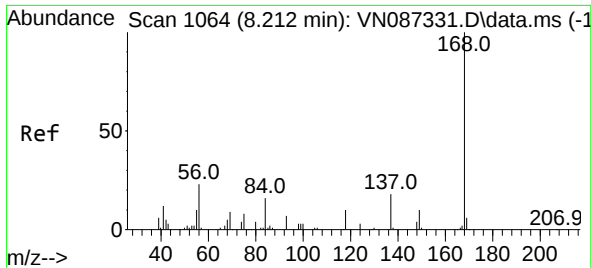
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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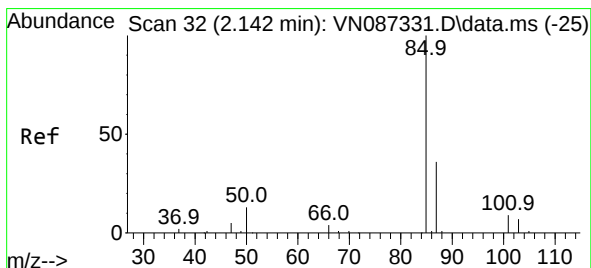
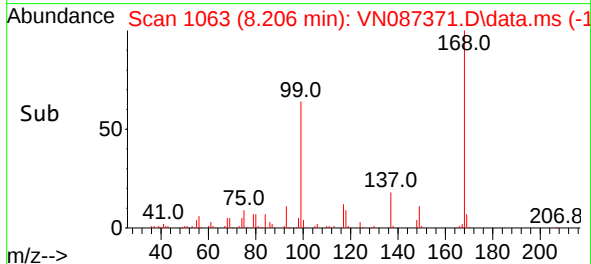
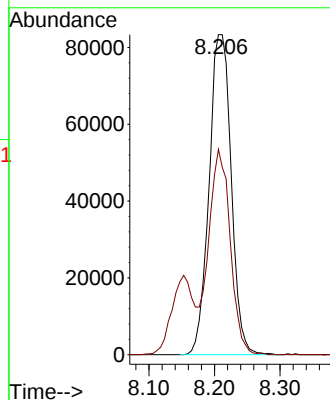
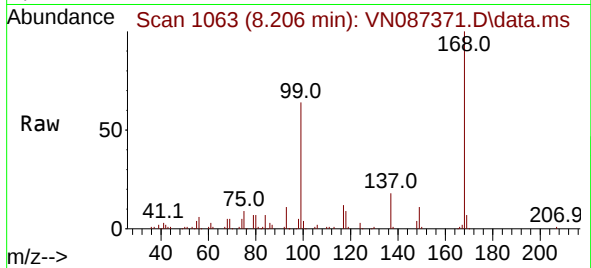
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.006 min
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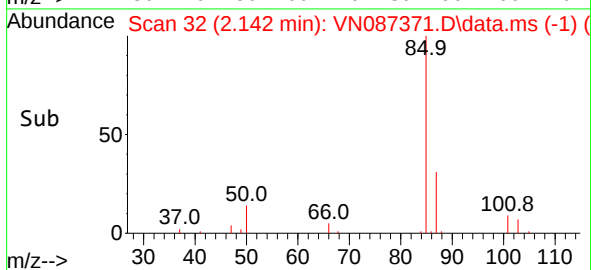
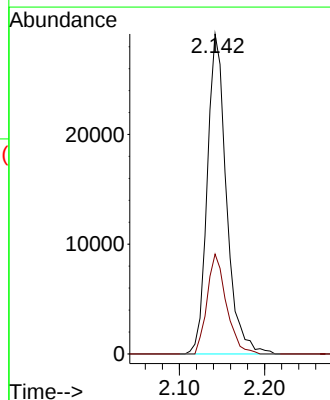
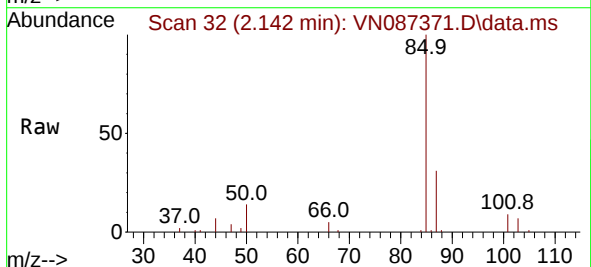
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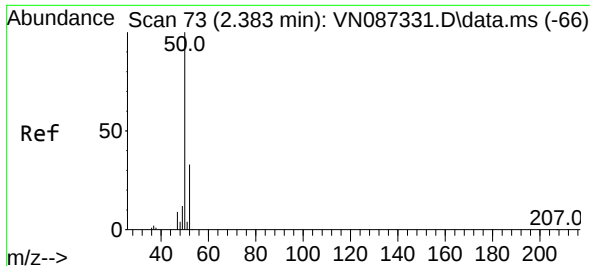
Tgt Ion:168 Resp: 195078
Ion Ratio Lower Upper
168 100
99 64.1 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 21.949 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 85 Resp: 45478
Ion Ratio Lower Upper
85 100
87 31.2 17.8 53.3

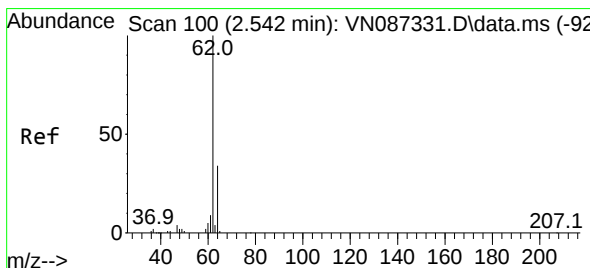
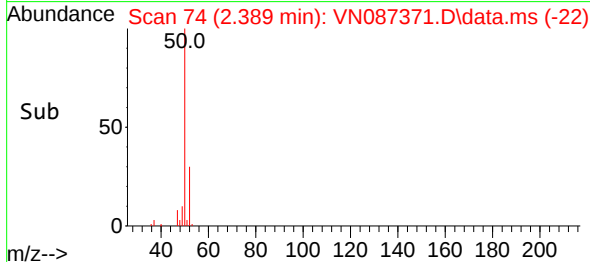
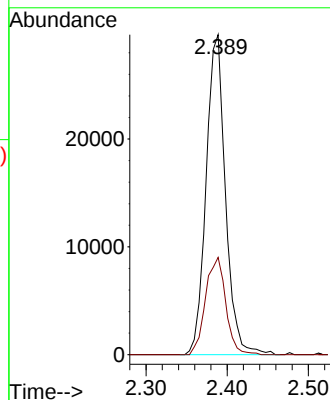
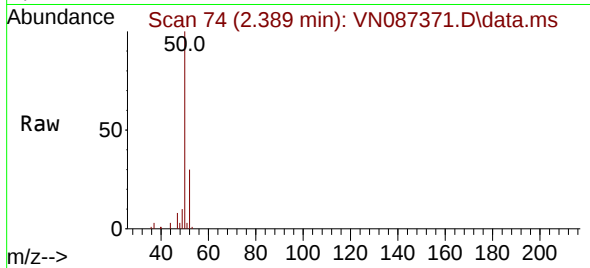




#3
Chloromethane
Concen: 18.828 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

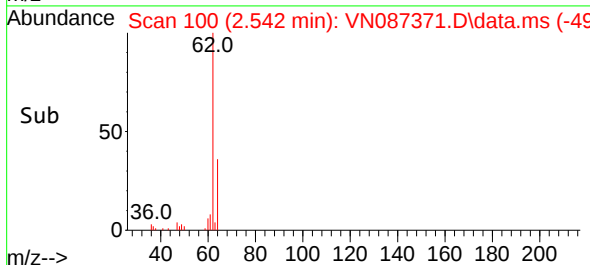
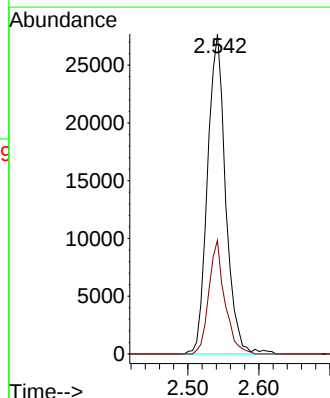
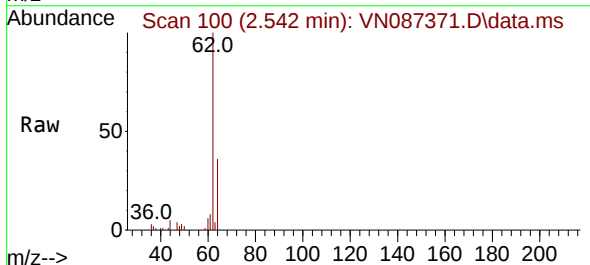
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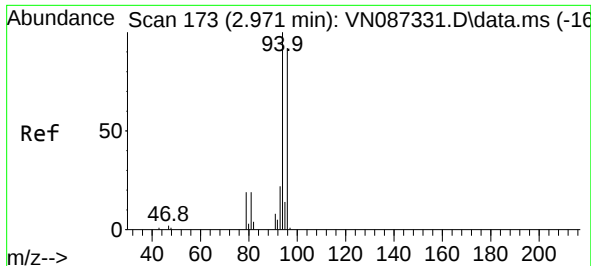
Tgt Ion: 50 Resp: 49057
Ion Ratio Lower Upper
50 100
52 30.4 26.3 39.5



#4
Vinyl Chloride
Concen: 18.988 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 62 Resp: 49167
Ion Ratio Lower Upper
62 100
64 35.5 27.0 40.6

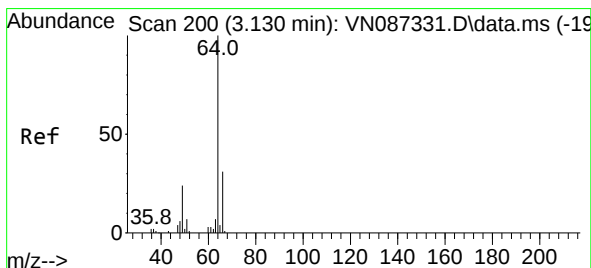
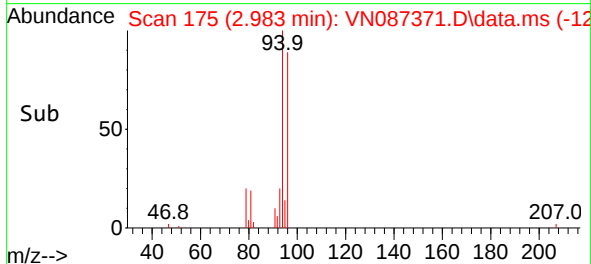
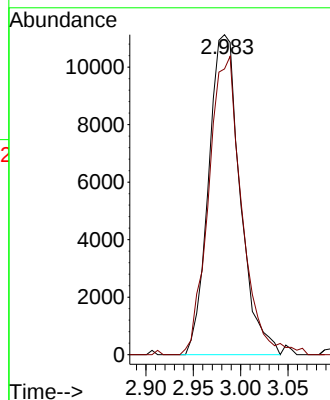
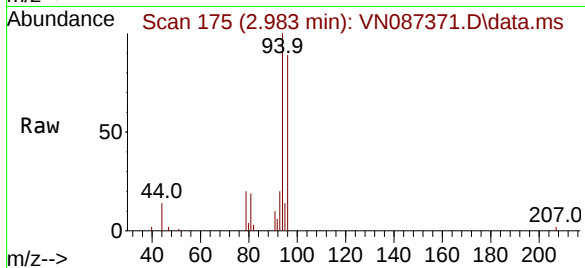




#5
Bromomethane
Concen: 19.187 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087371.D
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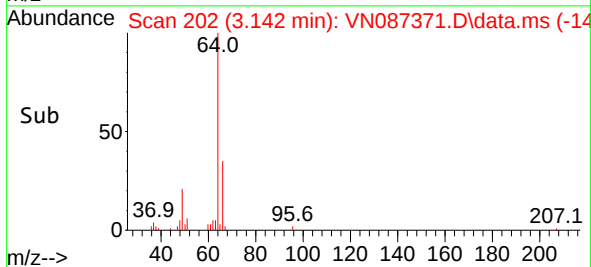
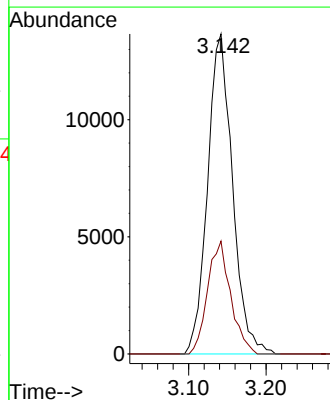
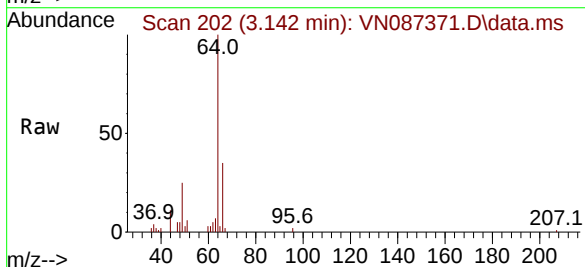
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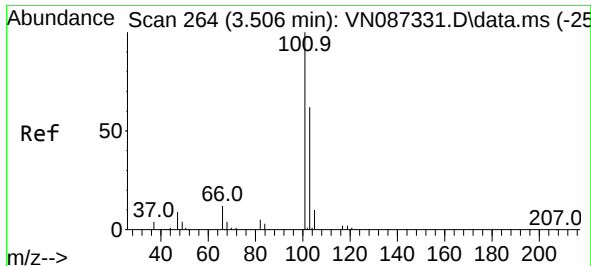
Tgt Ion: 94 Resp: 25728
Ion Ratio Lower Upper
94 100
96 89.3 73.4 110.2



#6
Chloroethane
Concen: 18.063 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.012 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 64 Resp: 30502
Ion Ratio Lower Upper
64 100
66 35.3 24.6 36.8

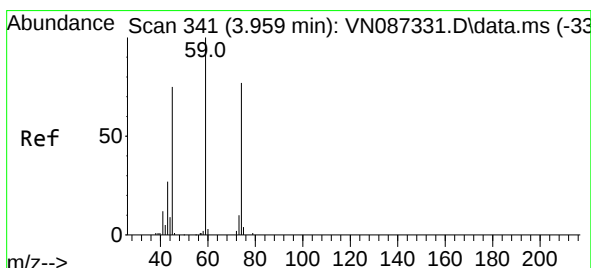
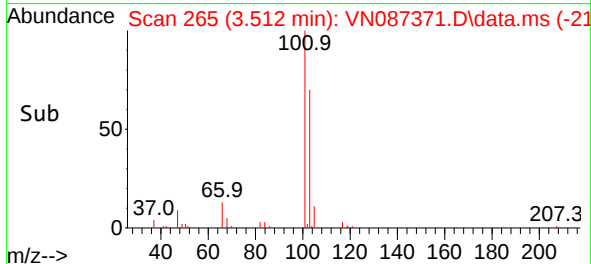
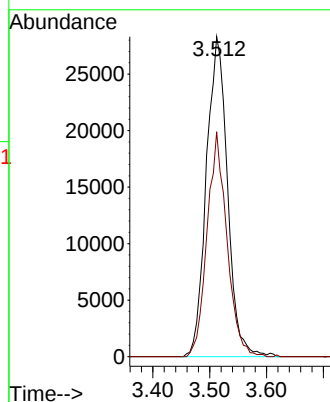
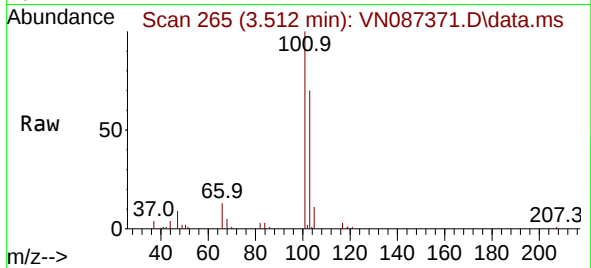




#7
Trichlorofluoromethane
Concen: 19.089 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN087371.D
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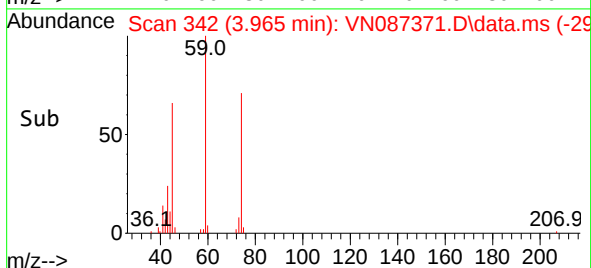
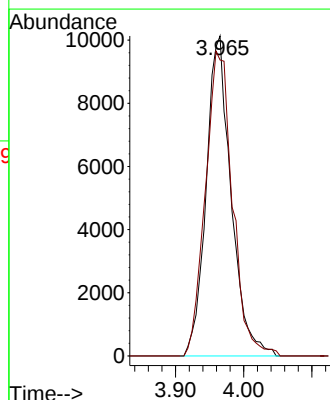
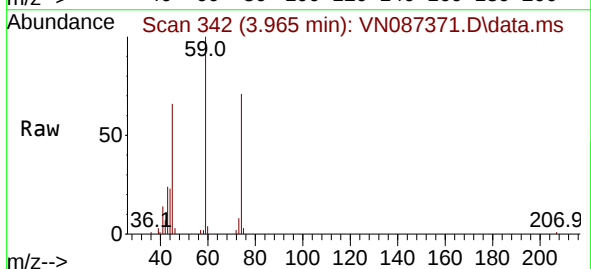
Instrument :
MSVOA_N
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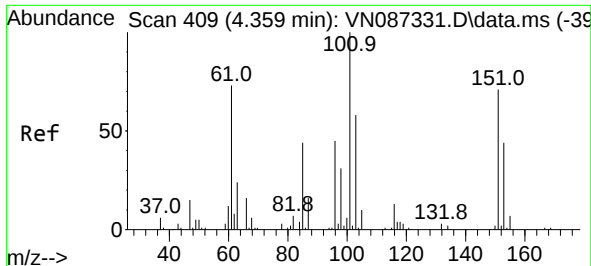
Tgt Ion:101 Resp: 73088
Ion Ratio Lower Upper
101 100
103 70.3 49.8 74.6



#8
Diethyl Ether
Concen: 17.392 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 74 Resp: 25832
Ion Ratio Lower Upper
74 100
45 103.4 50.8 152.5

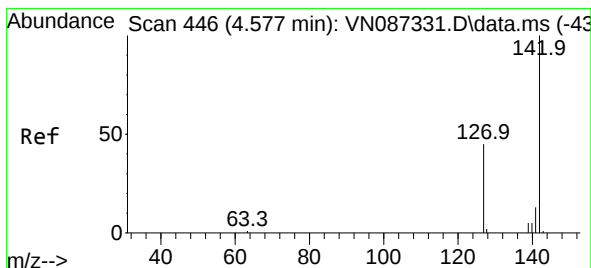
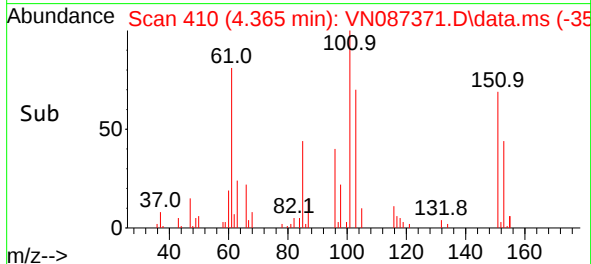
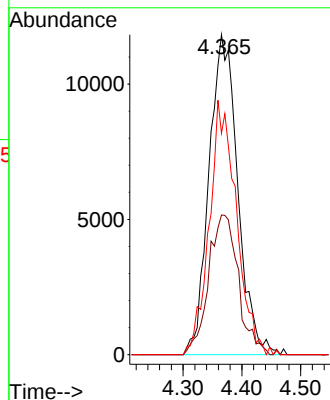
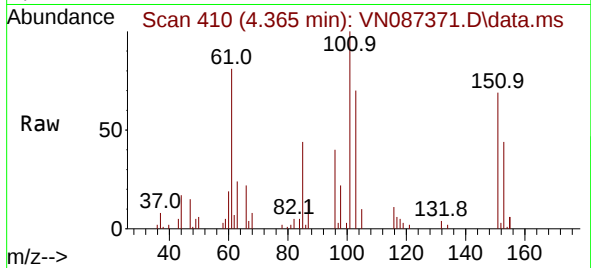




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.375 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
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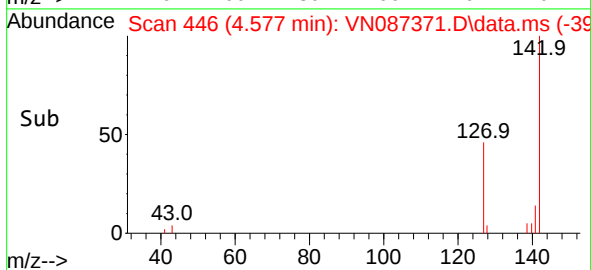
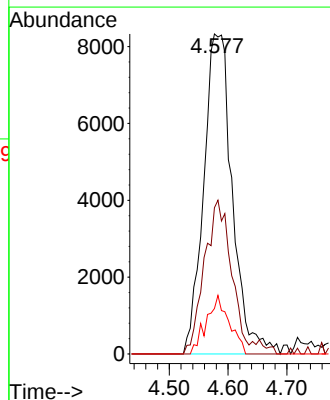
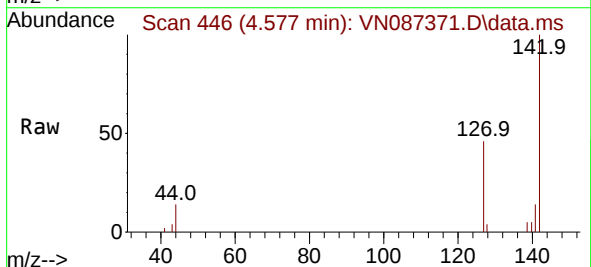
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

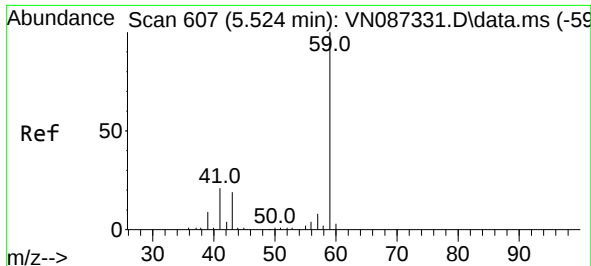
Tgt Ion:101 Resp: 40048
Ion Ratio Lower Upper
101 100
85 45.4 37.3 55.9
151 74.8 58.9 88.3



#10
Methyl Iodide
Concen: 18.006 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion:142 Resp: 28199
Ion Ratio Lower Upper
142 100
127 45.7 35.7 53.5
141 14.2 10.4 15.6

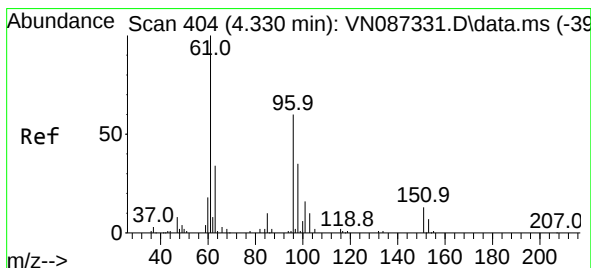
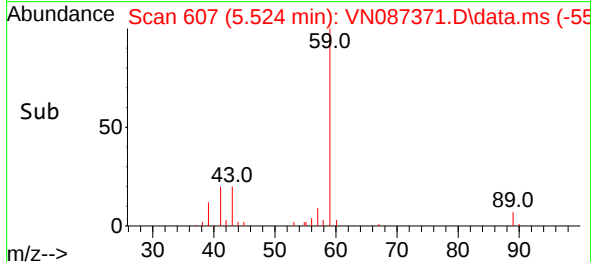
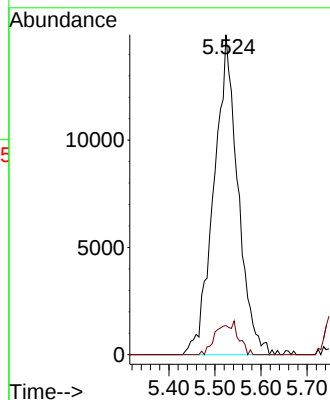
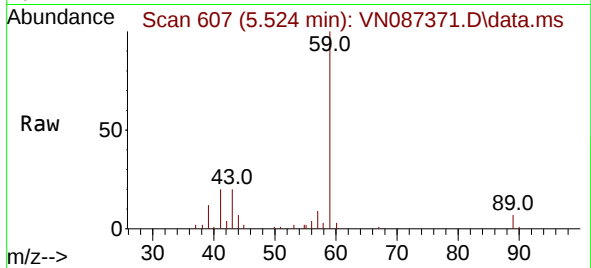




#11
Tert butyl alcohol
Concen: 85.841 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

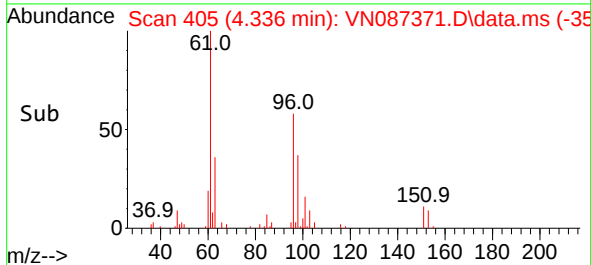
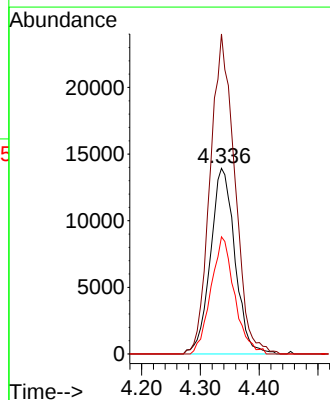
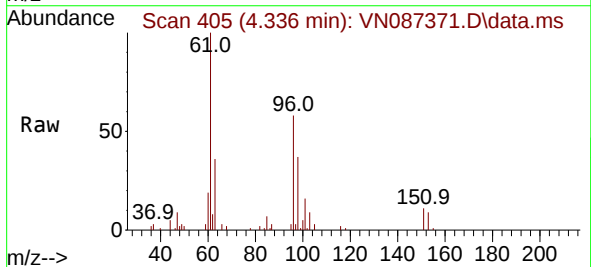
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

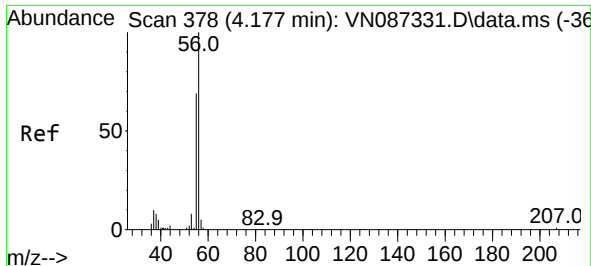
Tgt Ion: 59 Resp: 53952
Ion Ratio Lower Upper
59 100
57 9.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.095 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 96 Resp: 40303
Ion Ratio Lower Upper
96 100
61 172.4 132.3 198.5
98 63.1 46.8 70.2

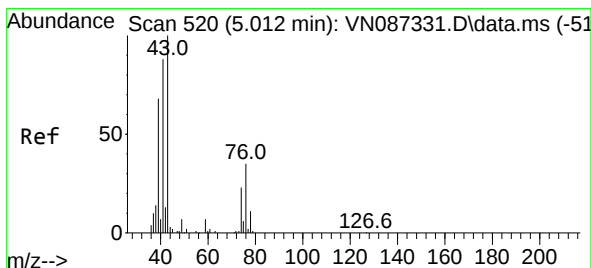
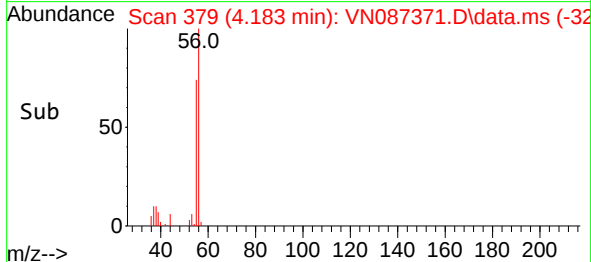
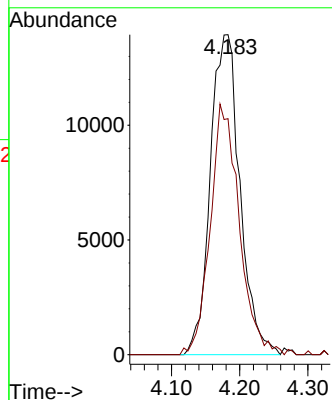
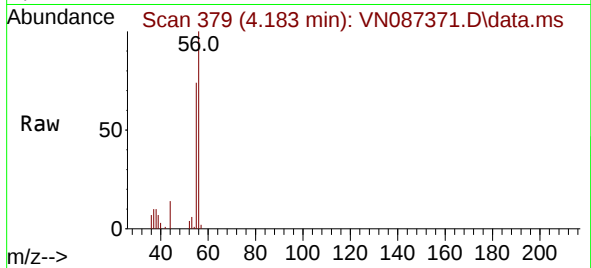




#13
Acrolein
Concen: 83.649 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

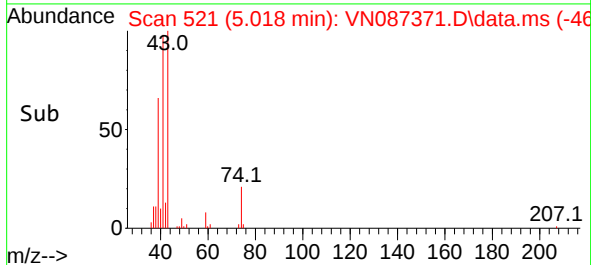
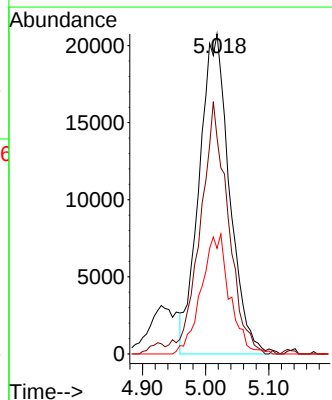
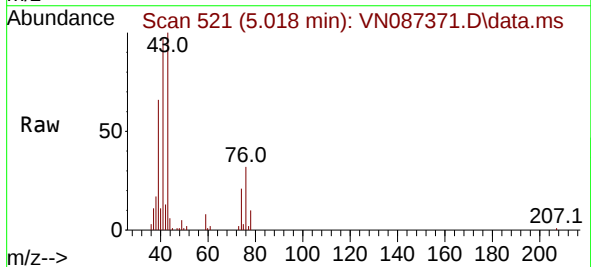
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

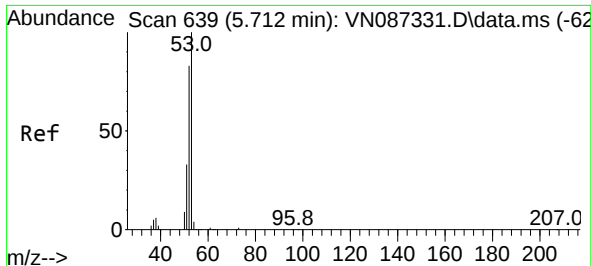
Tgt Ion: 56 Resp: 42192
Ion Ratio Lower Upper
56 100
55 76.4 56.2 84.4



#14
Allyl chloride
Concen: 17.157 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 41 Resp: 69156
Ion Ratio Lower Upper
41 100
39 72.7 59.0 88.6
76 35.2 28.7 43.1

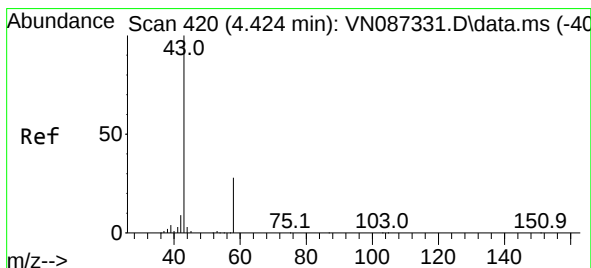
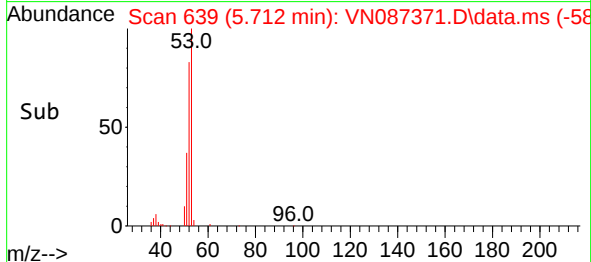
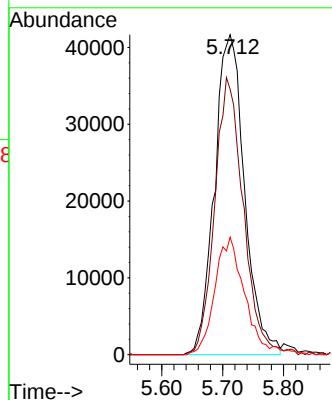
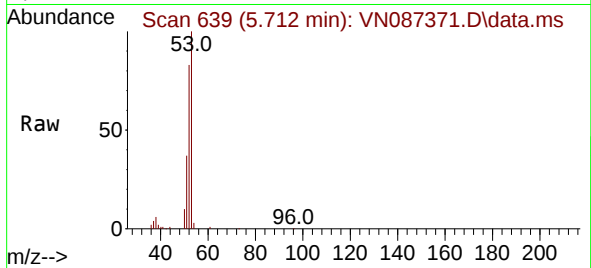




#15
Acrylonitrile
Concen: 83.743 ug/l
RT: 5.712 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

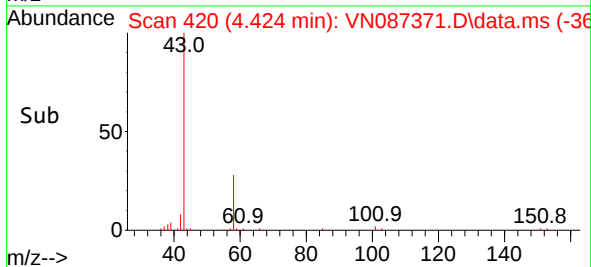
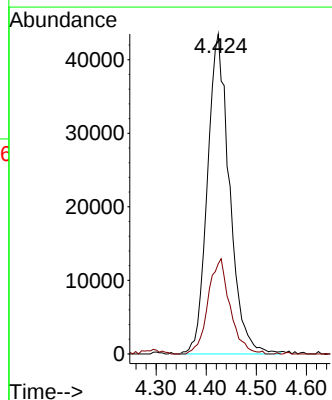
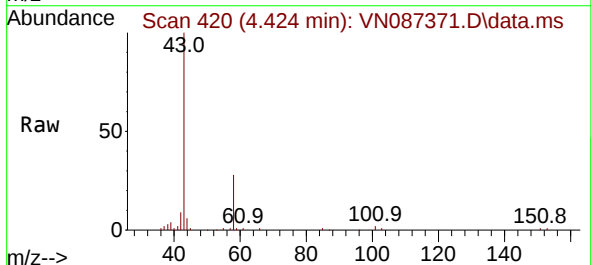
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

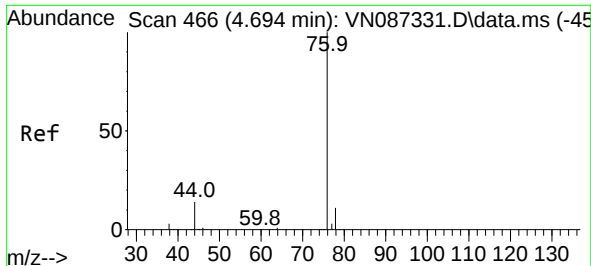
Tgt Ion: 53 Resp: 142826
Ion Ratio Lower Upper
53 100
52 82.5 65.5 98.3
51 36.9 28.7 43.1



#16
Acetone
Concen: 85.801 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 43 Resp: 133162
Ion Ratio Lower Upper
43 100
58 28.2 22.3 33.5

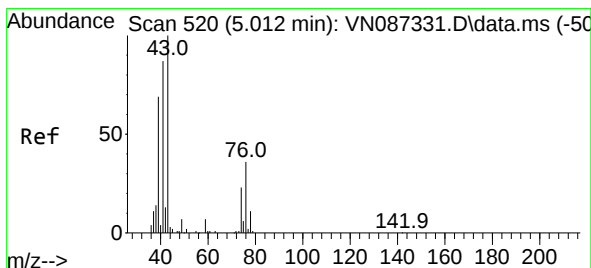
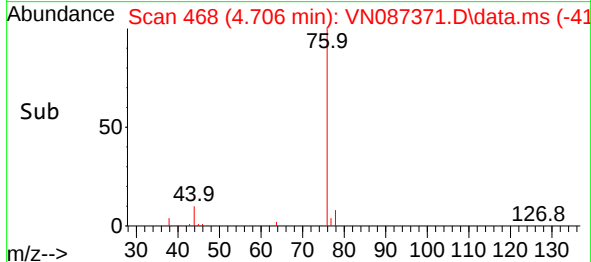
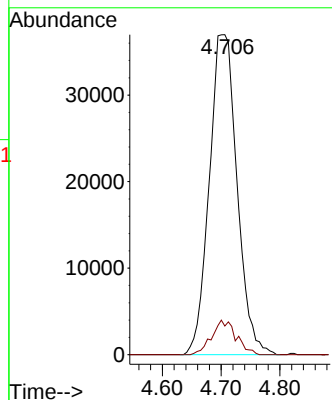
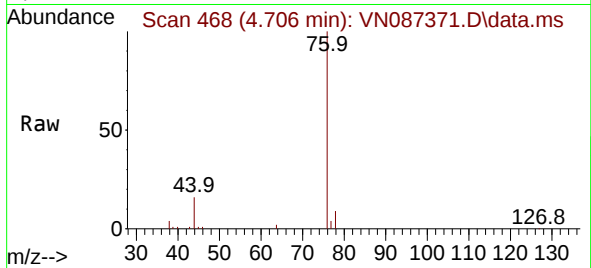




#17
Carbon Disulfide
Concen: 18.416 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

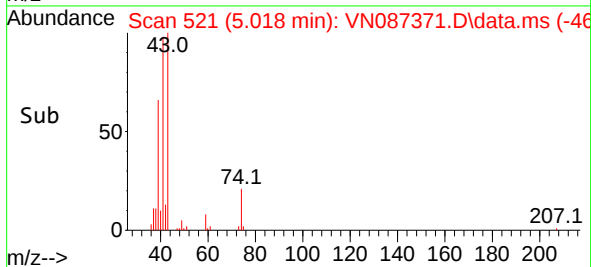
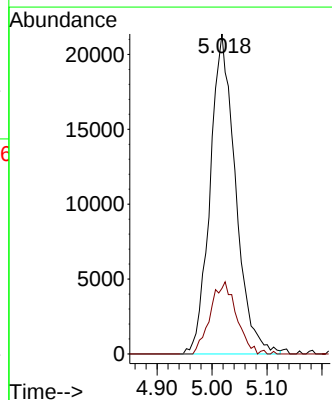
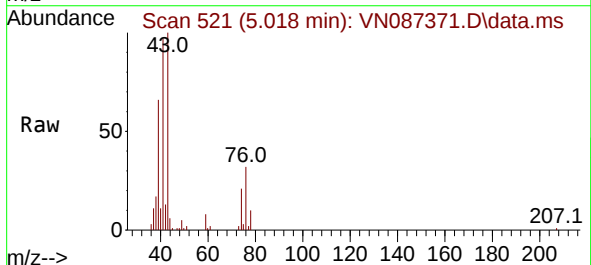
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

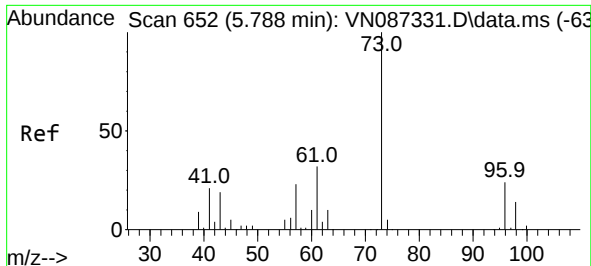
Tgt Ion: 76 Resp: 121611
Ion Ratio Lower Upper
76 100
78 9.0 8.6 13.0



#18
Methyl Acetate
Concen: 17.607 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 43 Resp: 68652
Ion Ratio Lower Upper
43 100
74 23.1 17.8 26.6

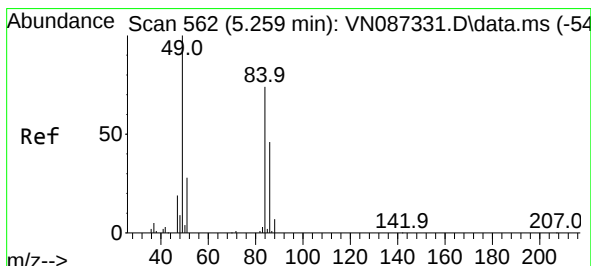
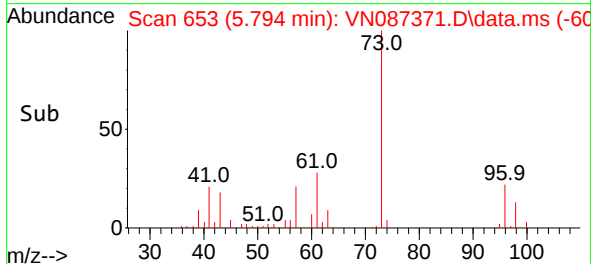
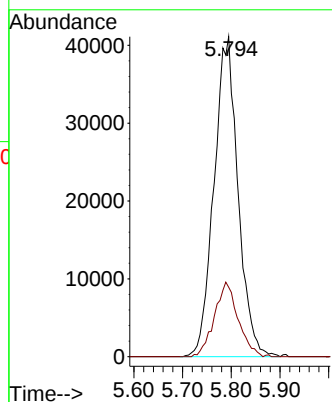
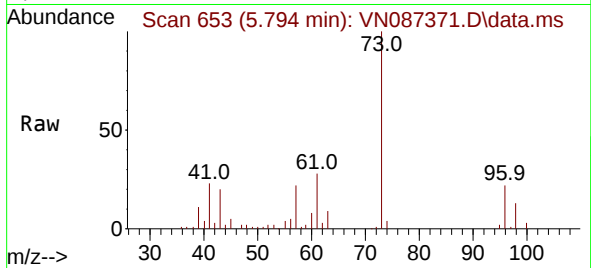




#19
Methyl tert-butyl Ether
Concen: 17.162 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

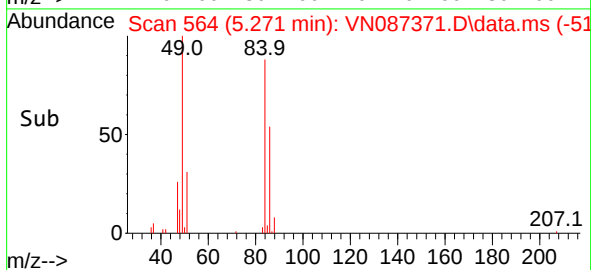
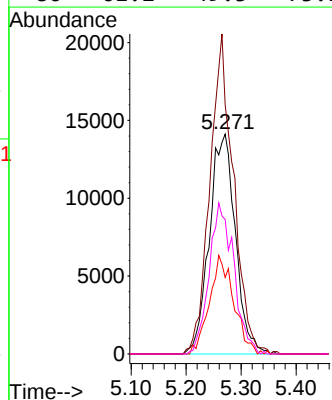
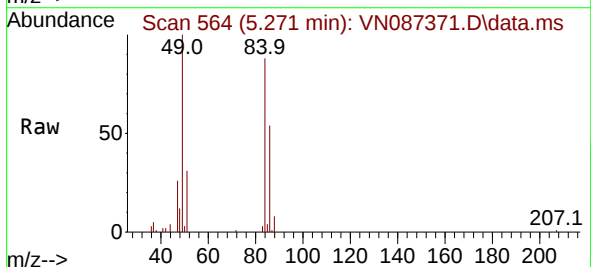
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

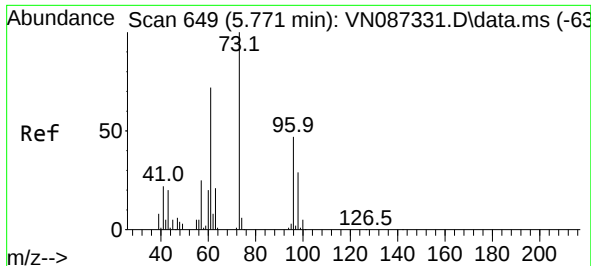
Tgt Ion: 73 Resp: 140893
Ion Ratio Lower Upper
73 100
57 21.7 18.6 27.8



#20
Methylene Chloride
Concen: 17.327 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.012 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 84 Resp: 46556
Ion Ratio Lower Upper
84 100
49 113.4 107.5 161.3
51 34.8 30.2 45.2
86 61.2 49.3 73.9

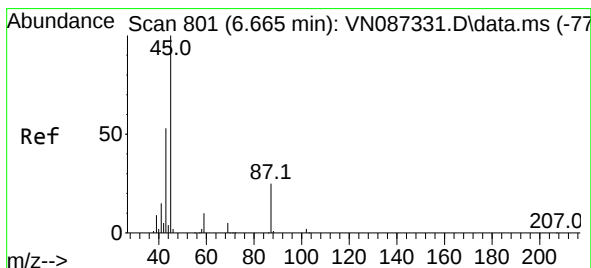
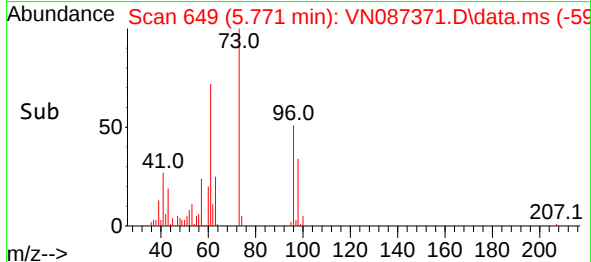
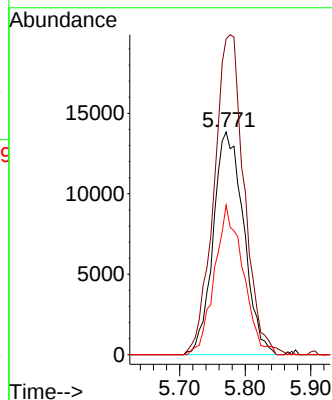
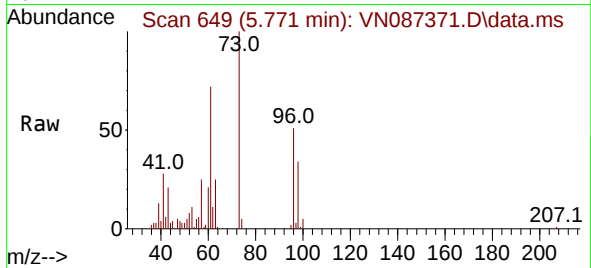




#21
trans-1,2-Dichloroethene
Concen: 17.750 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

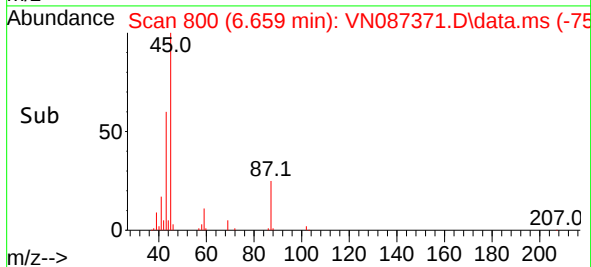
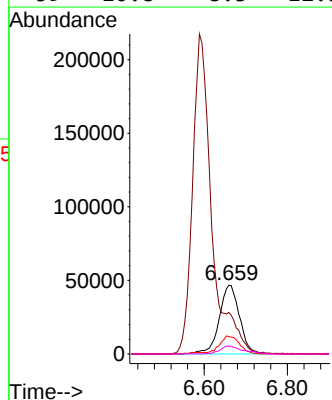
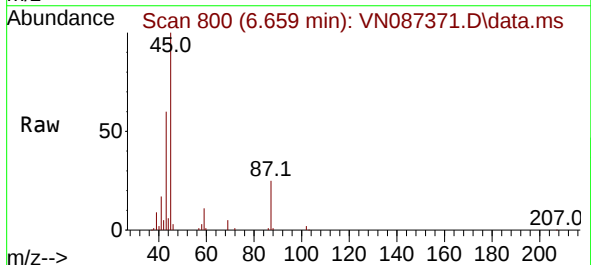
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

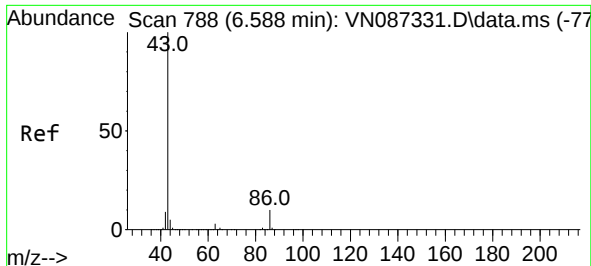
Tgt Ion: 96 Resp: 44578
Ion Ratio Lower Upper
96 100
61 141.8 122.0 183.0
98 67.2 50.0 75.0



#22
Diisopropyl ether
Concen: 18.674 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 45 Resp: 157889
Ion Ratio Lower Upper
45 100
43 59.7 42.8 64.2
87 25.2 19.8 29.6
59 10.8 8.3 12.5

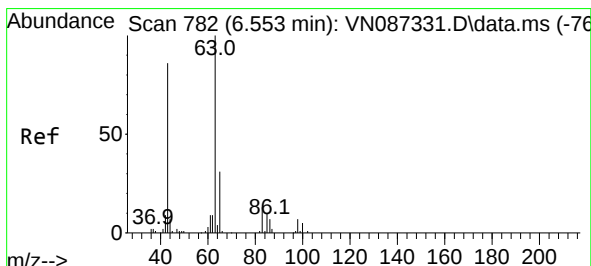
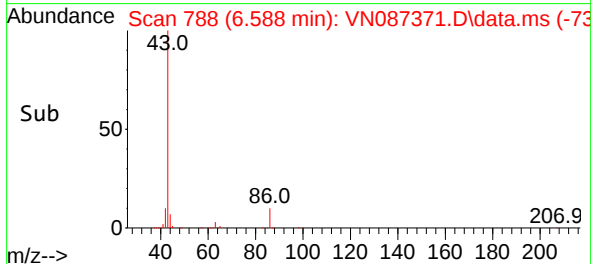
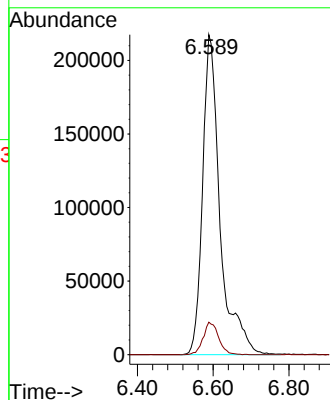
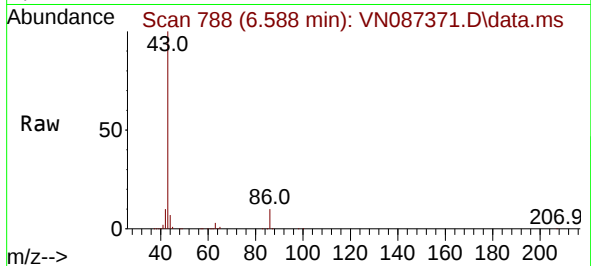




#23
 Vinyl Acetate
 Concen: 93.948 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN087371.D
 Acq: 21 Jul 2025 11:55

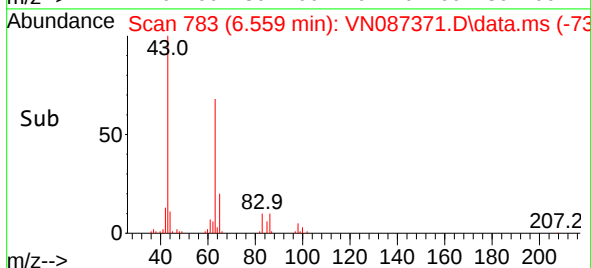
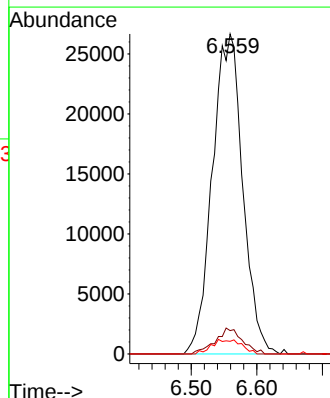
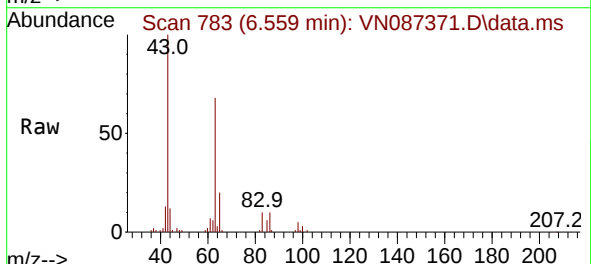
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

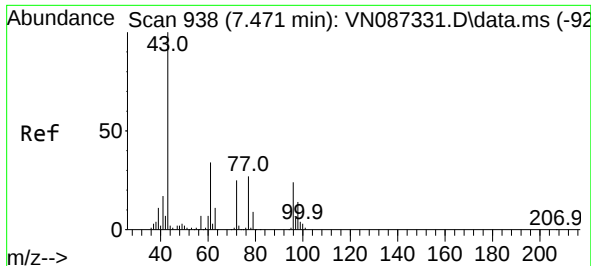
Tgt Ion: 43 Resp: 694729
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 17.559 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN087371.D
 Acq: 21 Jul 2025 11:55

Tgt Ion: 63 Resp: 85653
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.0 2.5 7.4

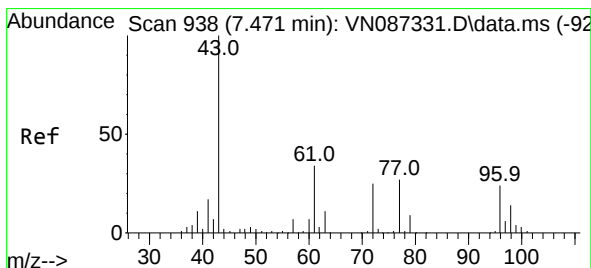
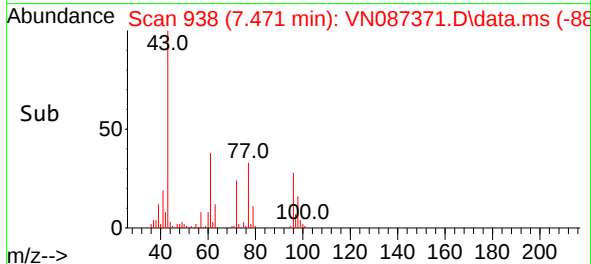
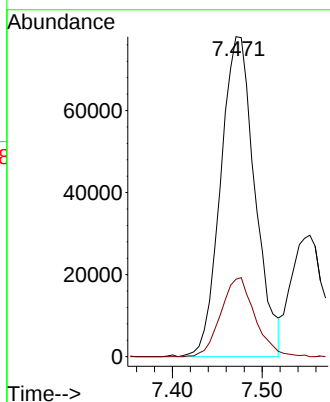
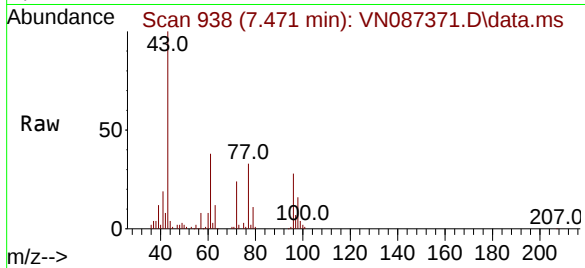




#25
2-Butanone
Concen: 86.364 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

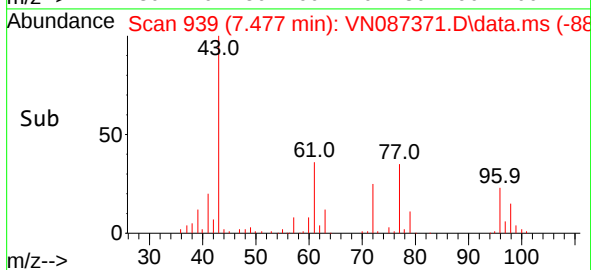
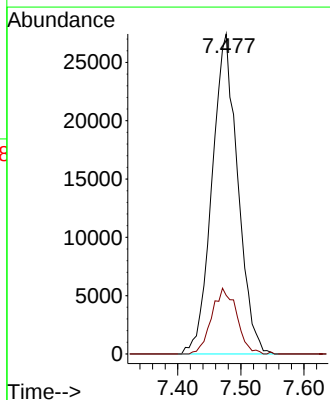
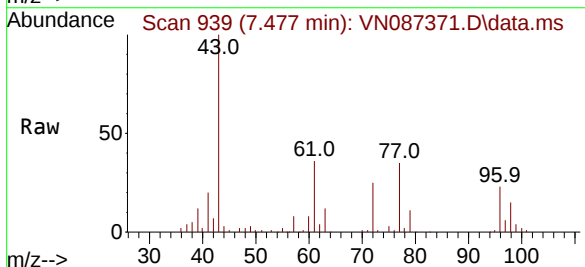
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

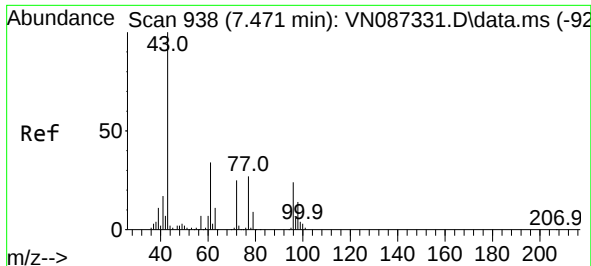
Tgt Ion: 43 Resp: 207099
Ion Ratio Lower Upper
43 100
72 24.2 19.6 29.4



#26
2,2-Dichloropropane
Concen: 20.479 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 77 Resp: 77666
Ion Ratio Lower Upper
77 100
97 20.0 11.1 33.1

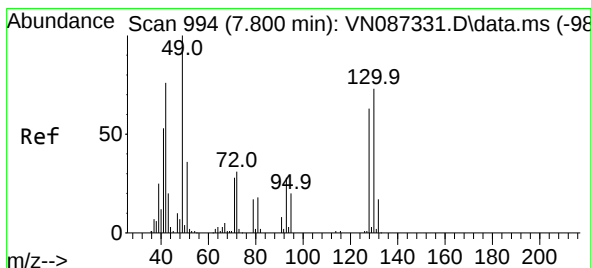
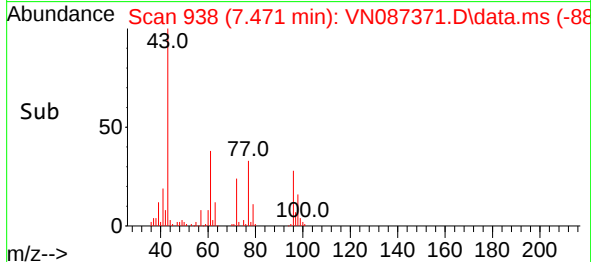
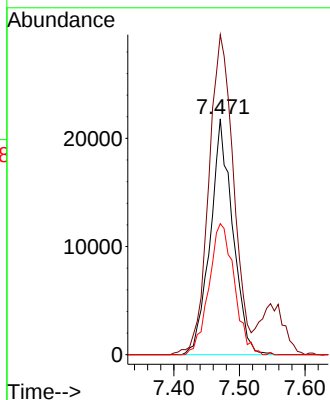
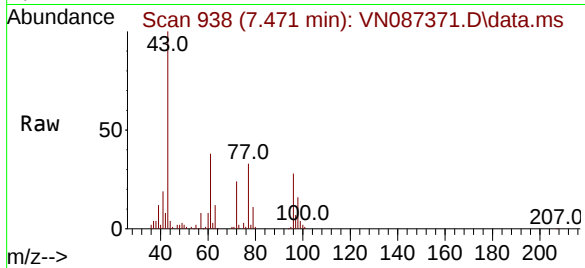




#27
 cis-1,2-Dichloroethene
 Concen: 17.950 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087371.D
 Acq: 21 Jul 2025 11:55

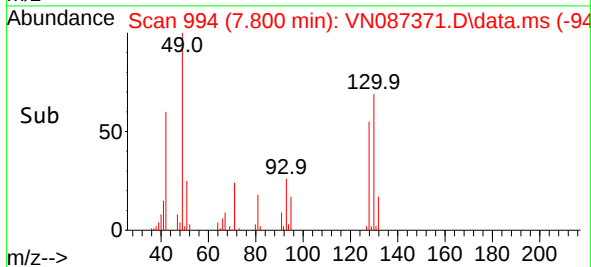
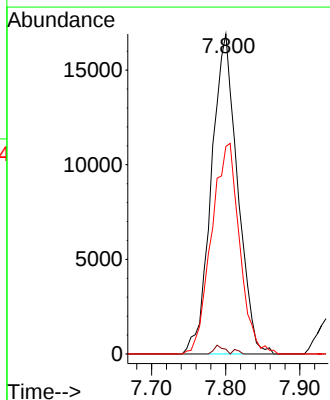
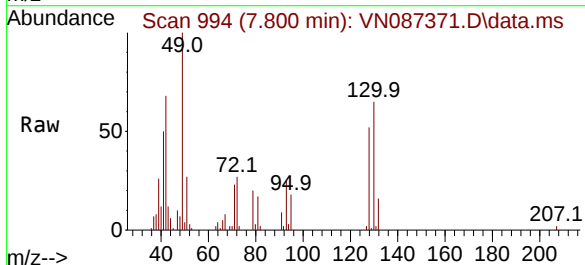
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

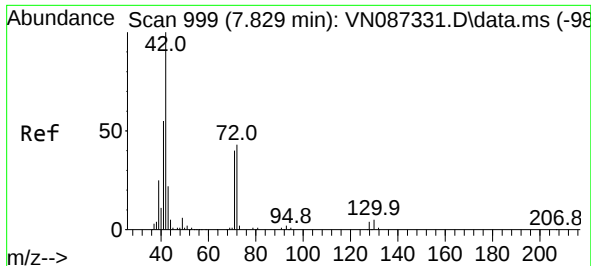
Tgt Ion: 96 Resp: 51900
 Ion Ratio Lower Upper
 96 100
 61 149.3 0.0 297.8
 98 62.5 0.0 132.4



#28
 Bromochloromethane
 Concen: 17.751 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087371.D
 Acq: 21 Jul 2025 11:55

Tgt Ion: 49 Resp: 41440
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 4.2
 130 70.6 57.3 85.9





#29

Tetrahydrofuran

Concen: 84.427 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

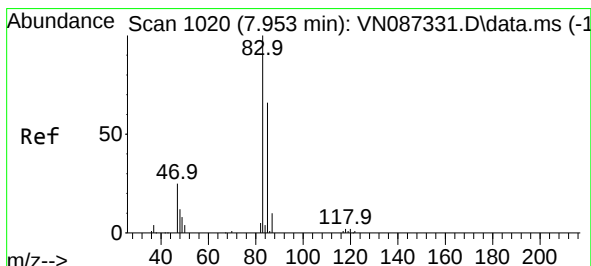
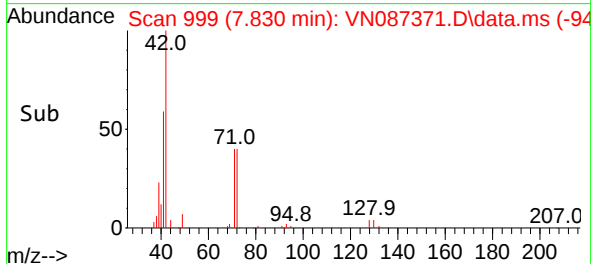
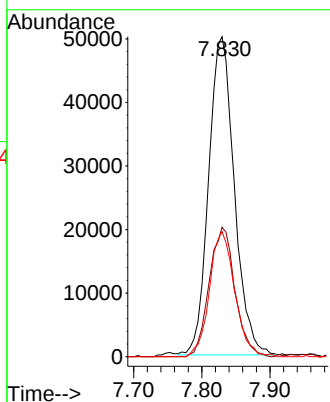
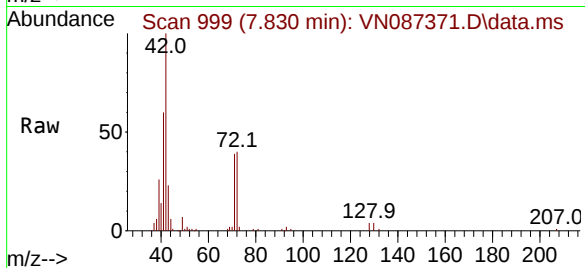
Tgt Ion: 42 Resp: 131520

Ion Ratio Lower Upper

42 100

72 40.6 33.4 50.0

71 38.6 31.2 46.8



#30

Chloroform

Concen: 17.929 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087371.D

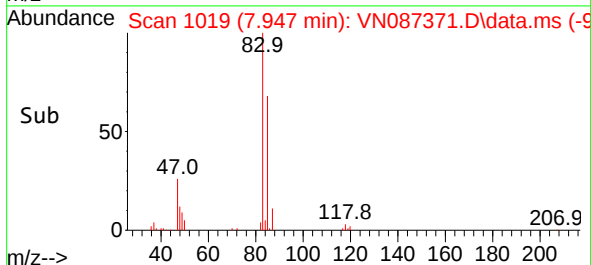
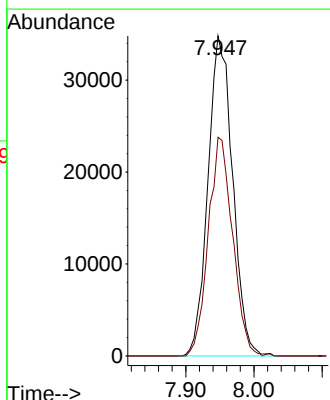
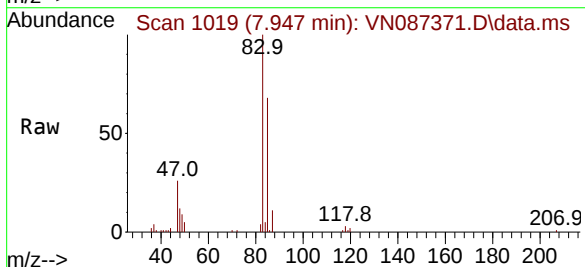
Acq: 21 Jul 2025 11:55

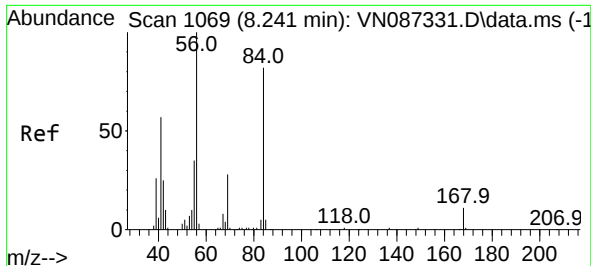
Tgt Ion: 83 Resp: 87539

Ion Ratio Lower Upper

83 100

85 68.3 52.7 79.1

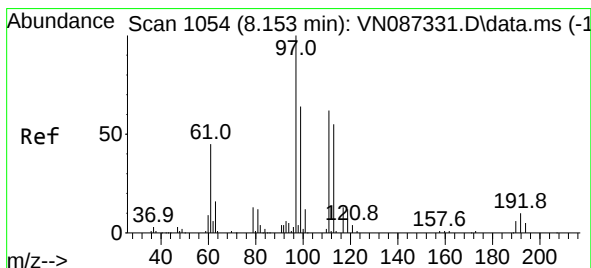
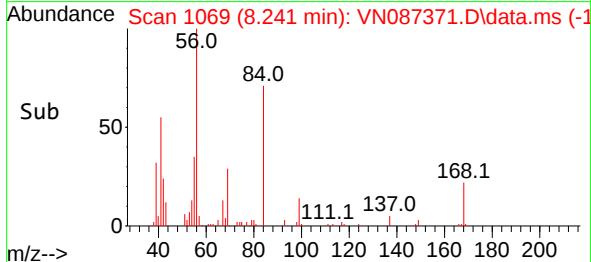
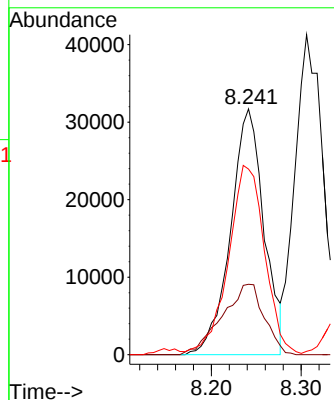
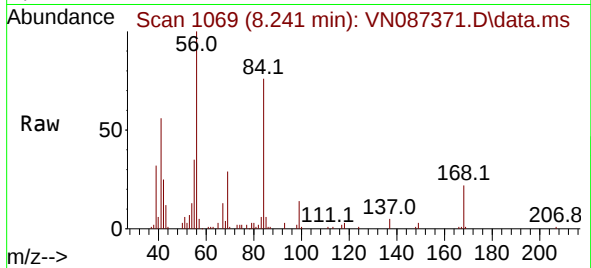




#31
Cyclohexane
Concen: 20.149 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

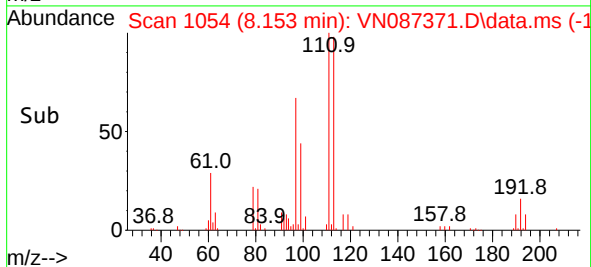
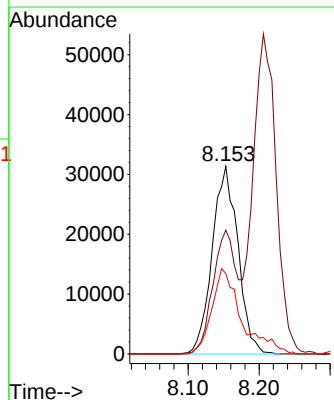
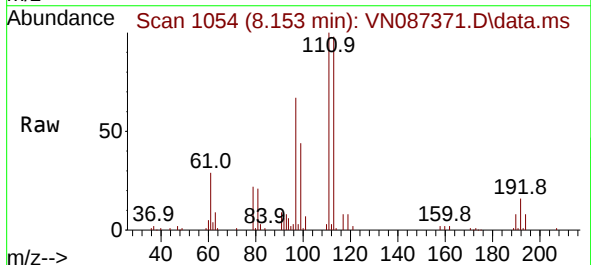
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

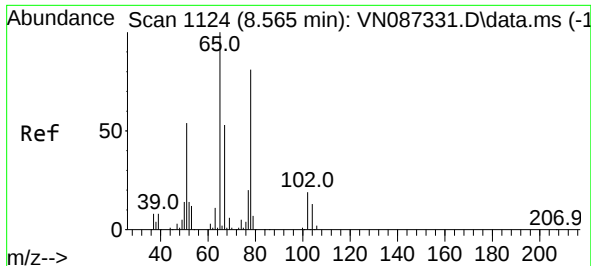
Tgt Ion: 56 Resp: 81992
Ion Ratio Lower Upper
56 100
69 28.7 22.7 34.1
84 74.2 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 18.632 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 97 Resp: 78792
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.8
61 52.4 38.7 58.1

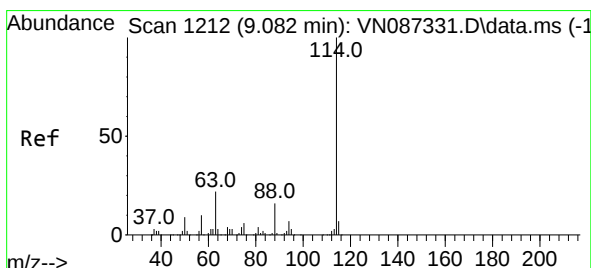
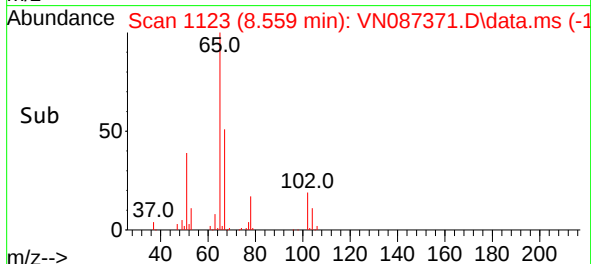
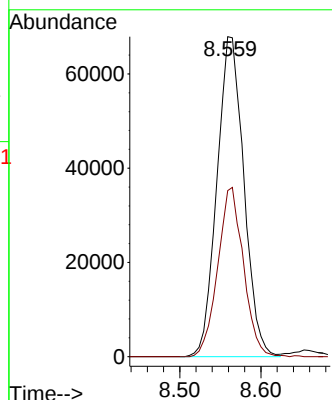
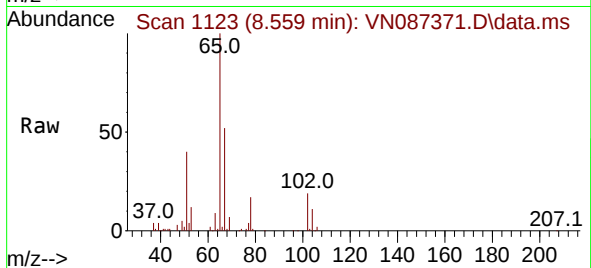




#33
1,2-Dichloroethane-d4
Concen: 47.315 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

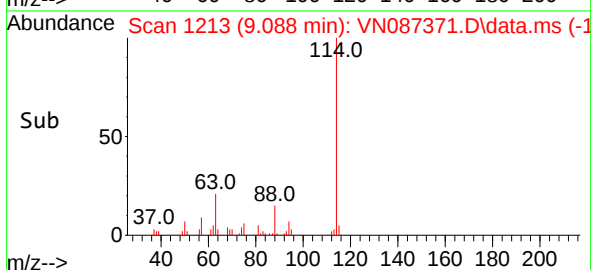
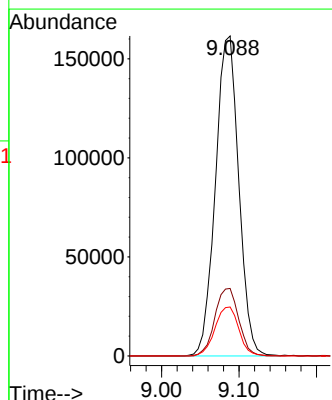
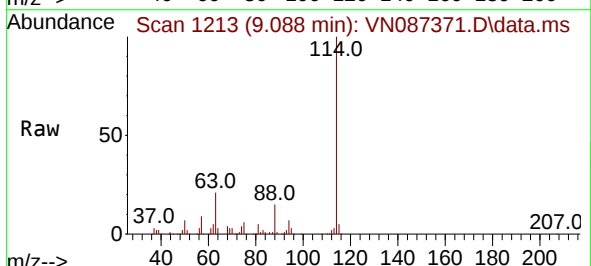
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

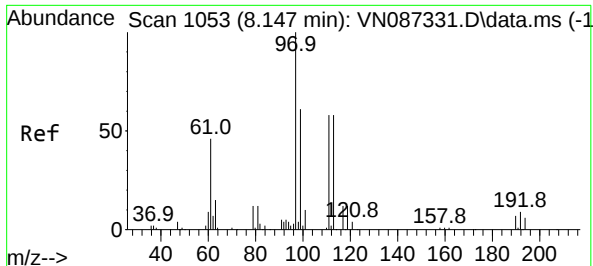
Tgt Ion: 65 Resp: 156616
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.088 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 114 Resp: 337215
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.6
88 15.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.815 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

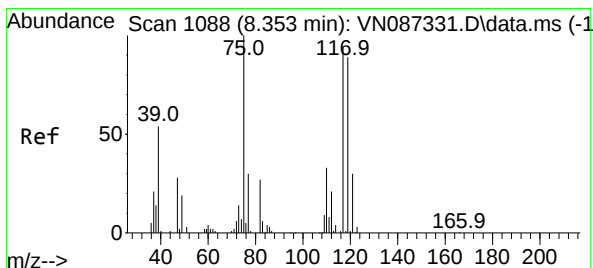
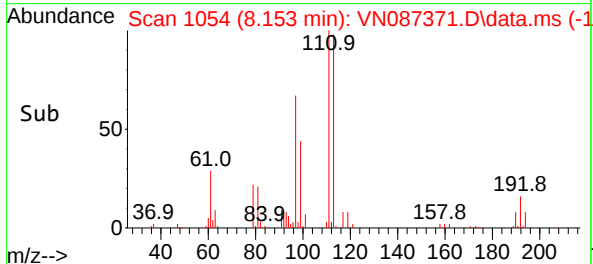
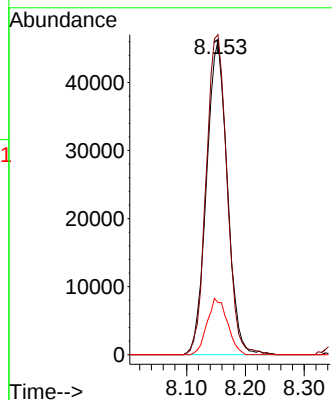
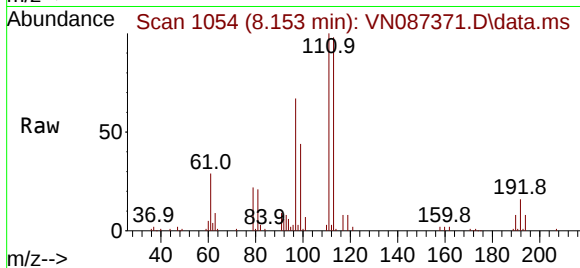
Tgt Ion:113 Resp: 113549

Ion Ratio Lower Upper

113 100

111 101.9 82.5 123.7

192 17.5 13.7 20.5



#36

1,1-Dichloropropene

Concen: 19.935 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

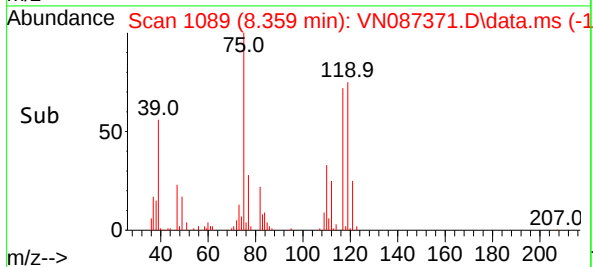
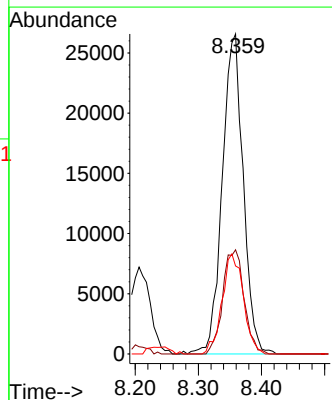
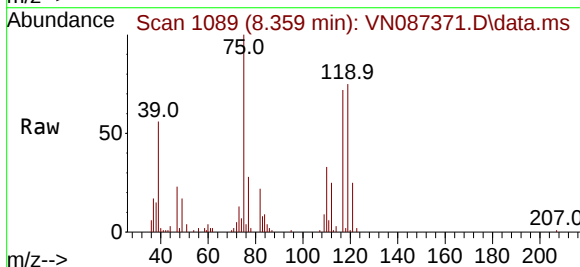
Tgt Ion: 75 Resp: 61263

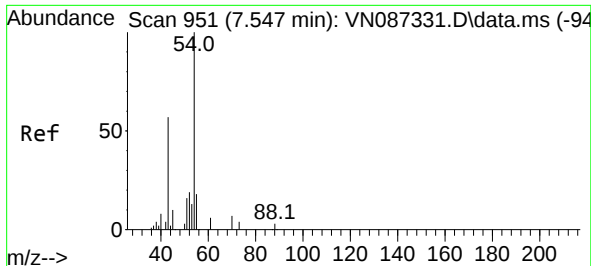
Ion Ratio Lower Upper

75 100

110 33.2 16.7 50.1

77 31.6 25.2 37.8

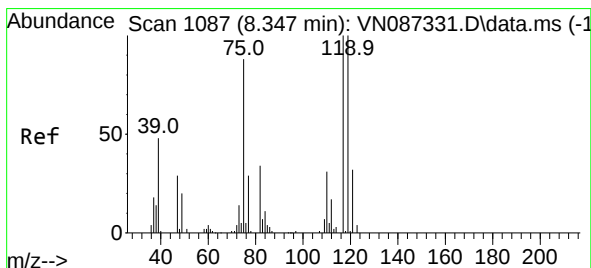
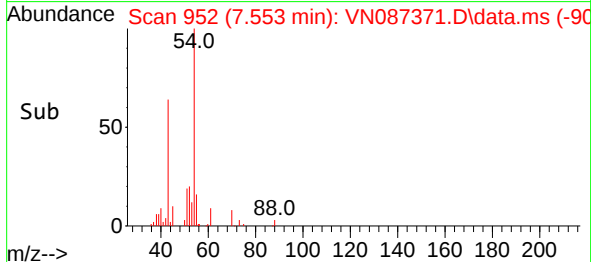
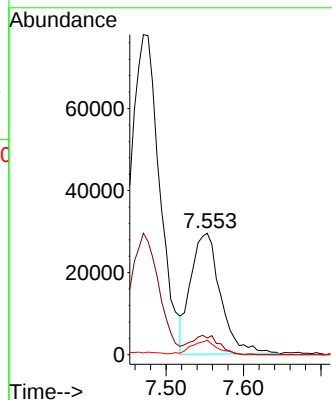
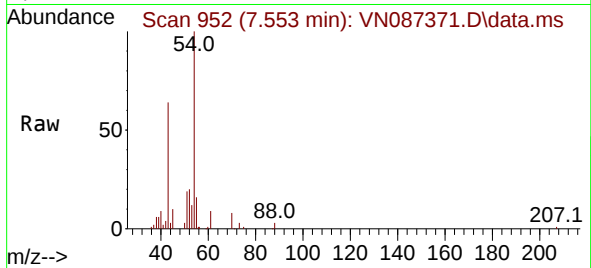




#37
Ethyl Acetate
Concen: 17.696 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

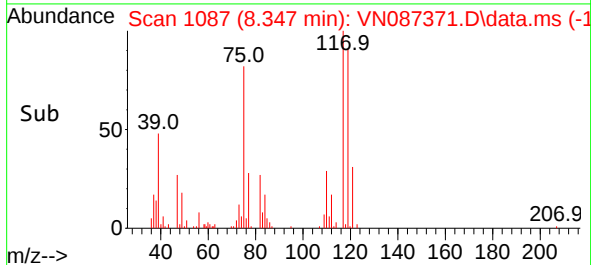
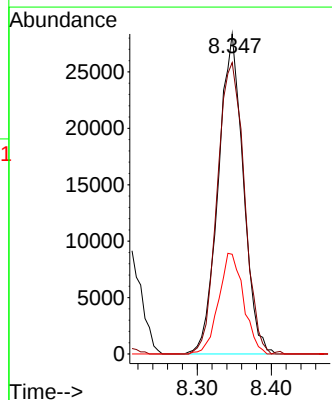
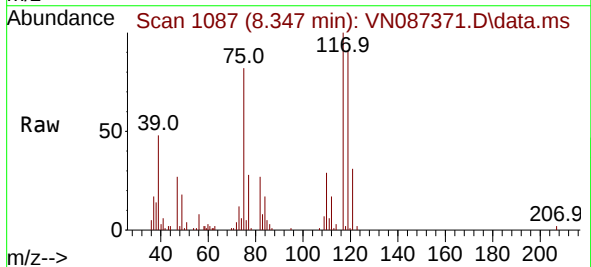
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

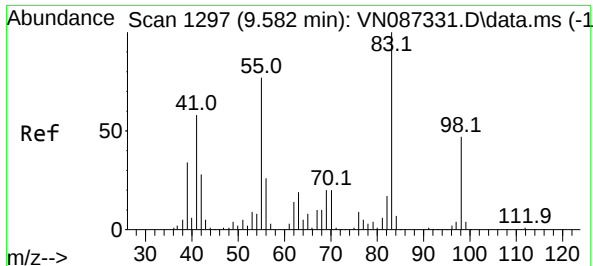
Tgt Ion: 43 Resp: 78541
Ion Ratio Lower Upper
43 100
61 15.5 10.9 16.3
70 10.5 7.4 11.0



#38
Carbon Tetrachloride
Concen: 19.583 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 117 Resp: 66297
Ion Ratio Lower Upper
117 100
119 91.0 80.2 120.2
121 31.1 25.4 38.2





#39

Methylcyclohexane

Concen: 20.933 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

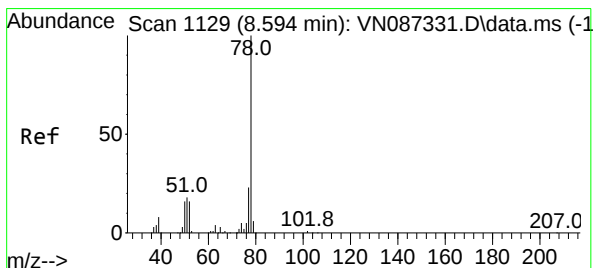
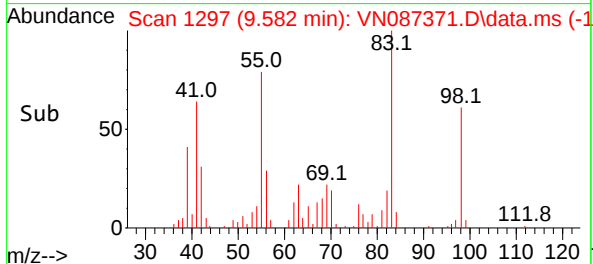
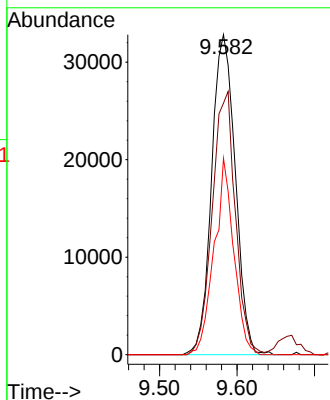
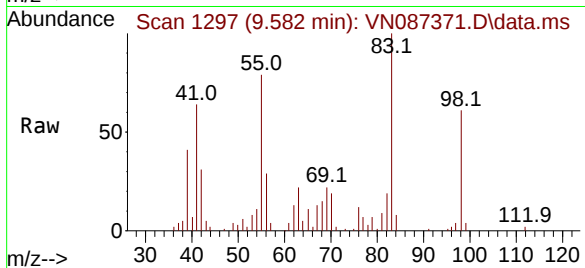
Tgt Ion: 83 Resp: 69647

Ion Ratio Lower Upper

83 100

55 78.6 61.3 91.9

98 61.4 37.9 56.9#



#40

Benzene

Concen: 19.379 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087371.D

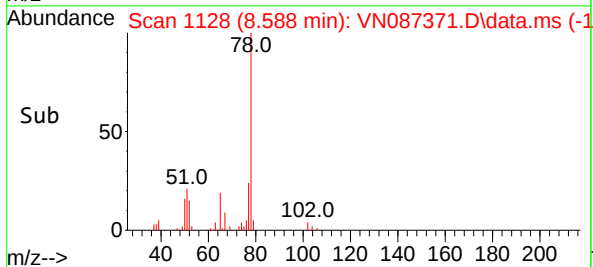
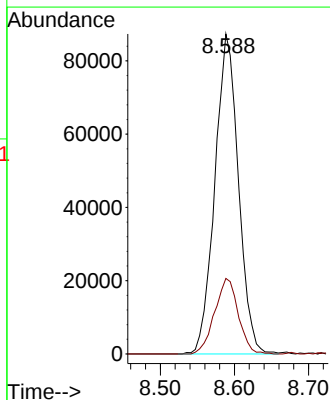
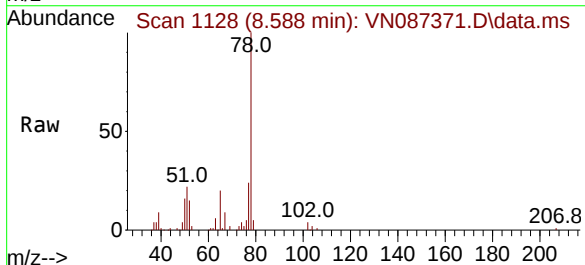
Acq: 21 Jul 2025 11:55

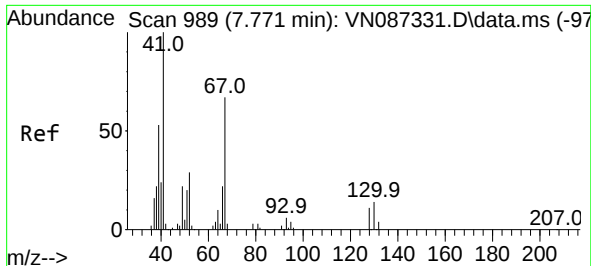
Tgt Ion: 78 Resp: 192485

Ion Ratio Lower Upper

78 100

77 23.6 18.2 27.2

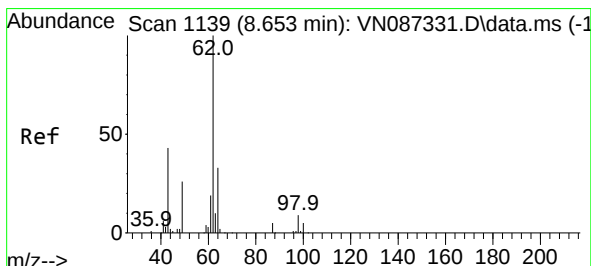
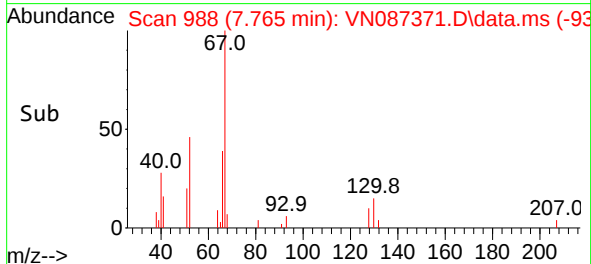
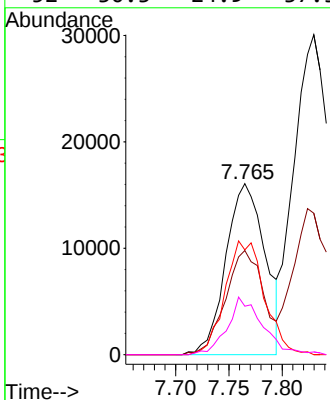
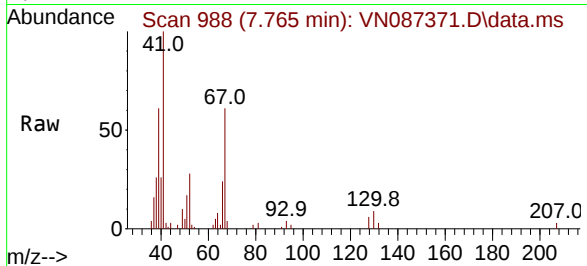




#41
Methacrylonitrile
Concen: 17.784 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

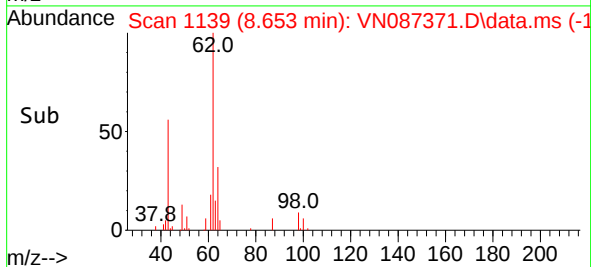
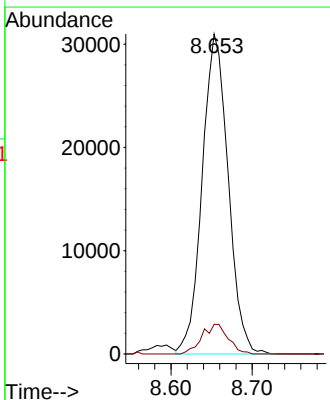
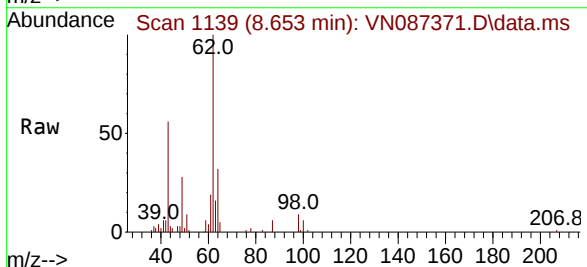
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

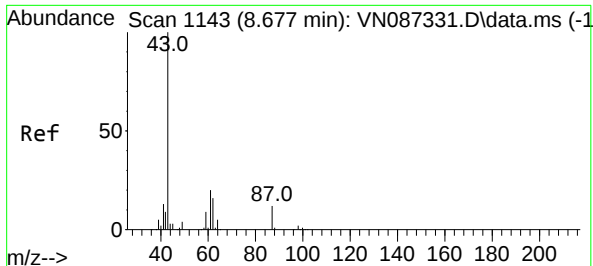
Tgt Ion:	41	Resp:	41272
Ion	Ratio	Lower	Upper
41	100		
39	59.2	43.4	65.0
67	66.4	55.1	82.7
52	30.3	24.9	37.3



#42
1,2-Dichloroethane
Concen: 18.301 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion:	62	Resp:	68935
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

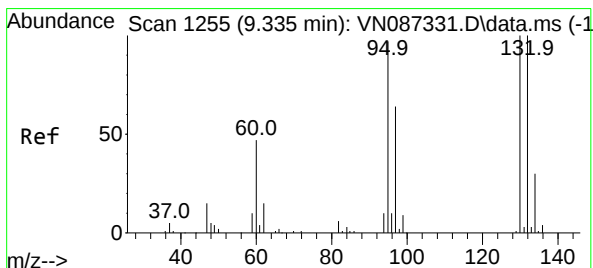
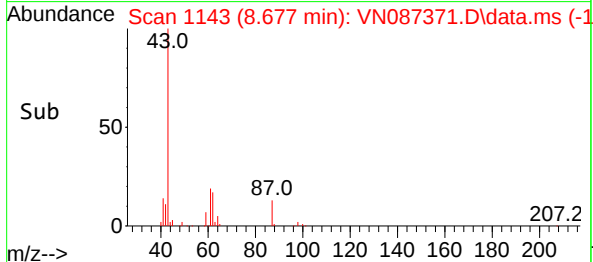
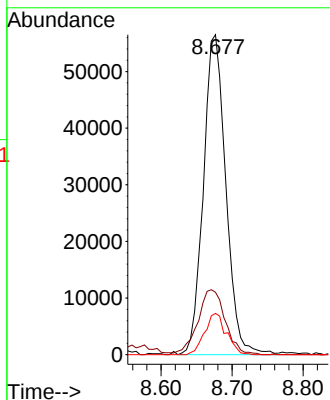
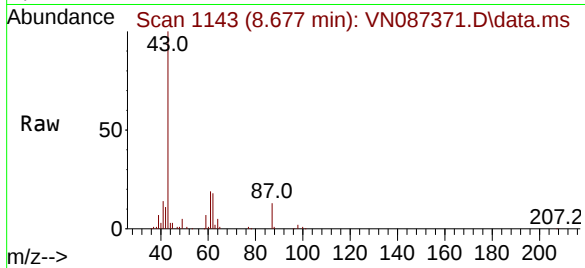




#43
Isopropyl Acetate
Concen: 18.053 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

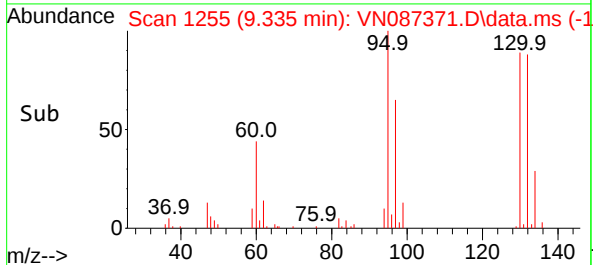
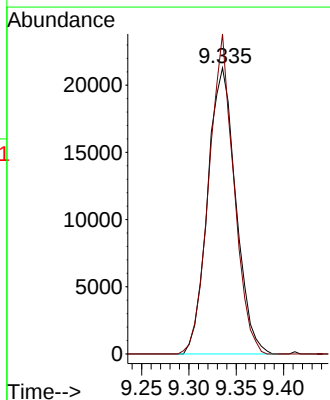
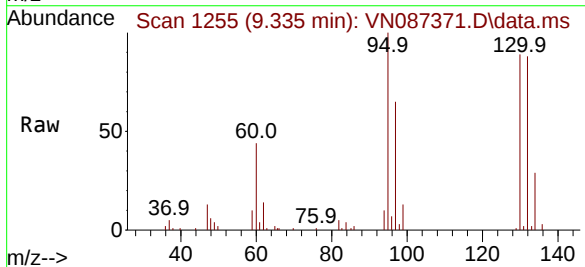
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

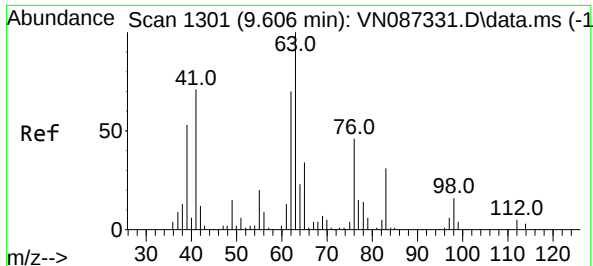
Tgt Ion: 43 Resp: 124383
Ion Ratio Lower Upper
43 100
61 24.7 19.8 29.8
87 12.5 9.8 14.6



#44
Trichloroethene
Concen: 18.776 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion:130 Resp: 44065
Ion Ratio Lower Upper
130 100
95 111.8 0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.258 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

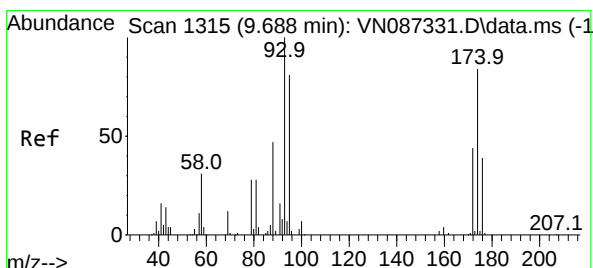
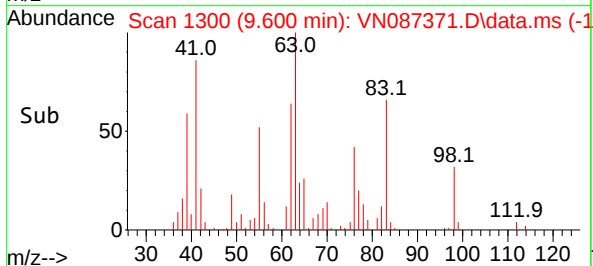
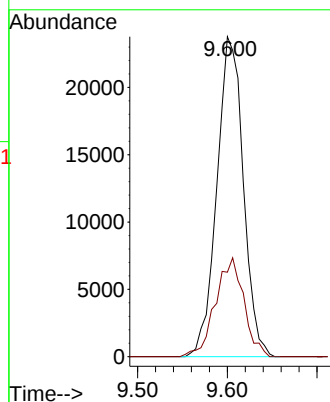
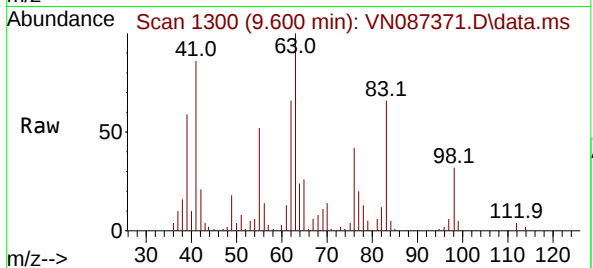
VN0721WBS01

Tgt Ion: 63 Resp: 48604

Ion Ratio Lower Upper

63 100

65 26.4 27.0 40.4#



#46

Dibromomethane

Concen: 18.314 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

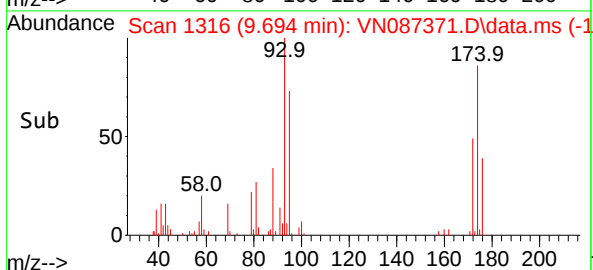
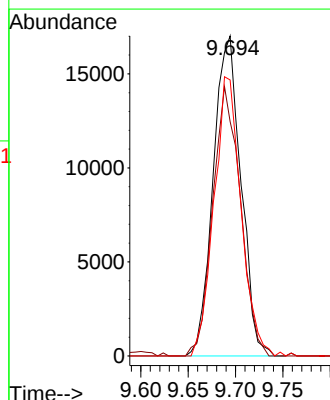
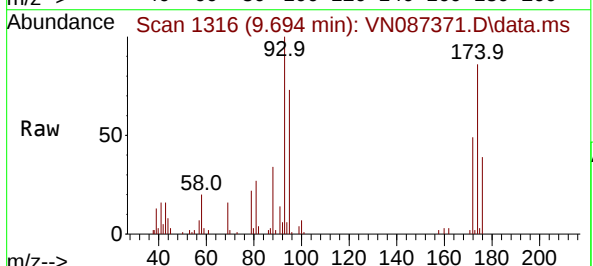
Tgt Ion: 93 Resp: 34607

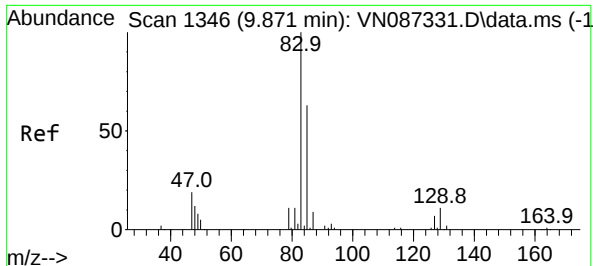
Ion Ratio Lower Upper

93 100

95 84.1 65.8 98.8

174 85.7 69.9 104.9





#47

Bromodichloromethane

Concen: 18.326 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. 0.000 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

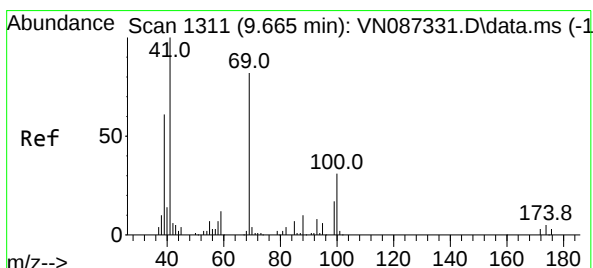
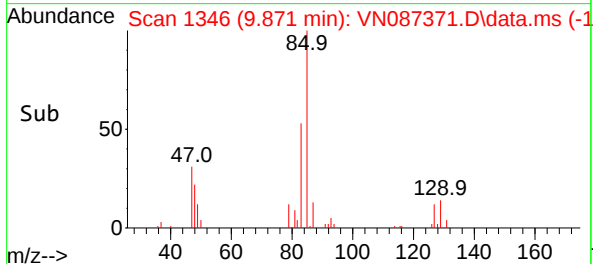
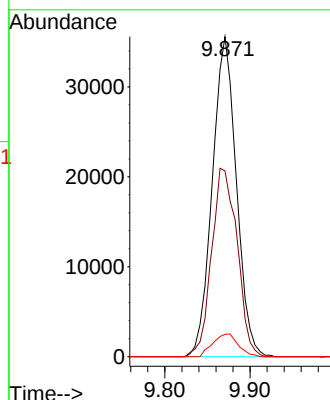
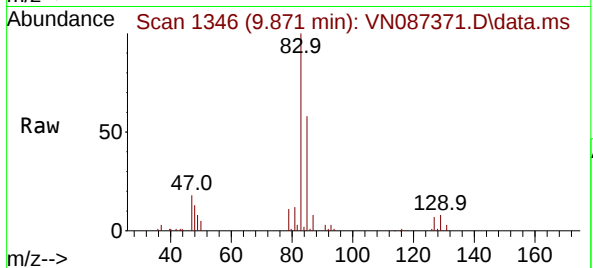
Tgt Ion: 83 Resp: 69750

Ion Ratio Lower Upper

83 100

85 58.0 50.4 75.6

127 7.0 5.8 8.8



#48

Methyl methacrylate

Concen: 17.877 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

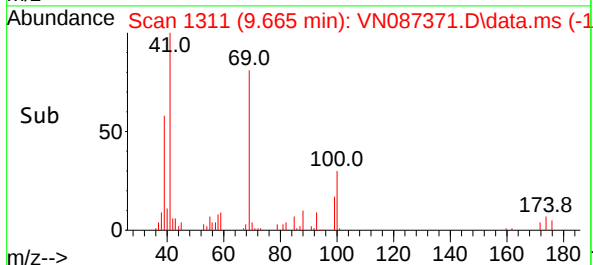
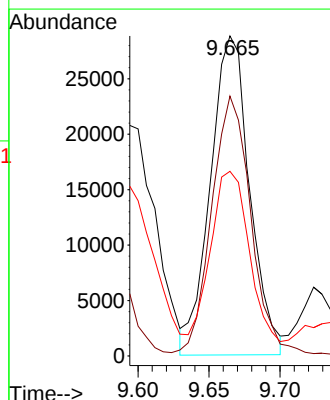
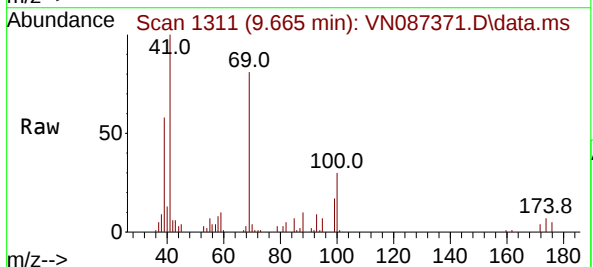
Tgt Ion: 41 Resp: 55452

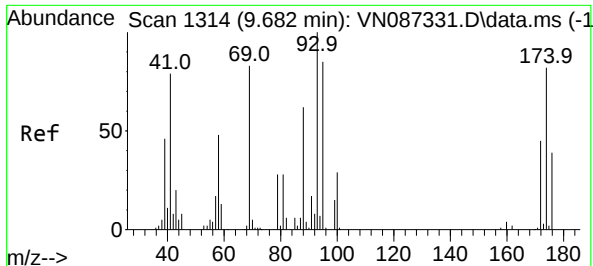
Ion Ratio Lower Upper

41 100

69 82.6 64.1 96.1

39 59.9 45.5 68.3





#49

1,4-Dioxane

Concen: 359.104 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.005 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

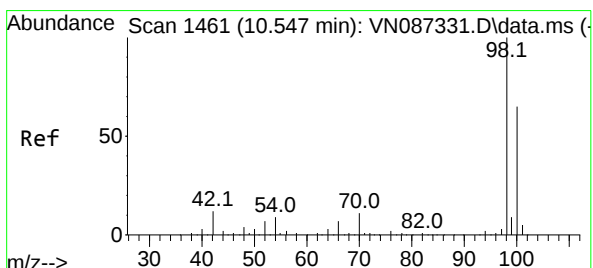
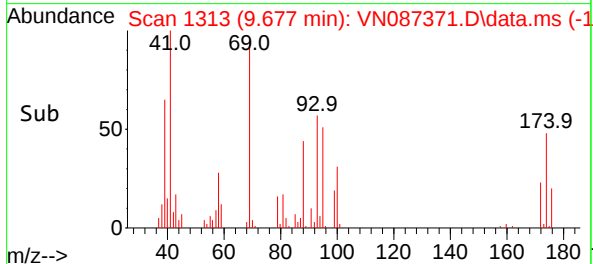
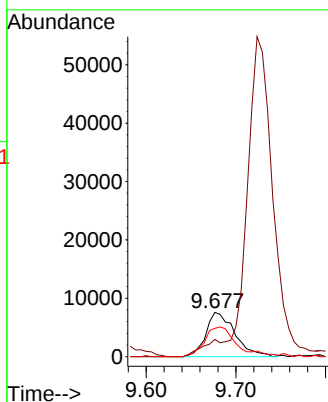
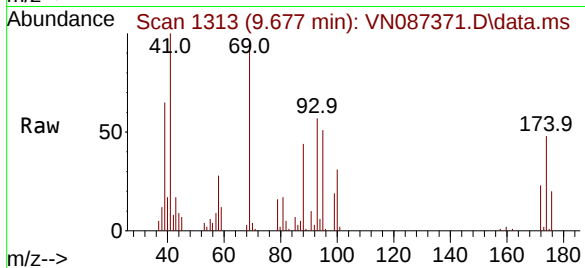
Tgt Ion: 88 Resp: 17060

Ion Ratio Lower Upper

88 100

43 24.9 0.0 0.0#

58 73.5 61.1 91.7



#50

Toluene-d8

Concen: 50.387 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087371.D

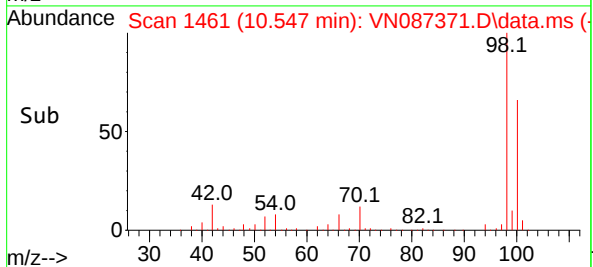
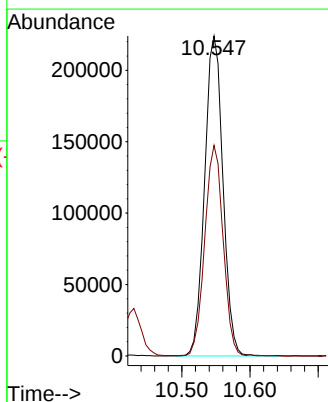
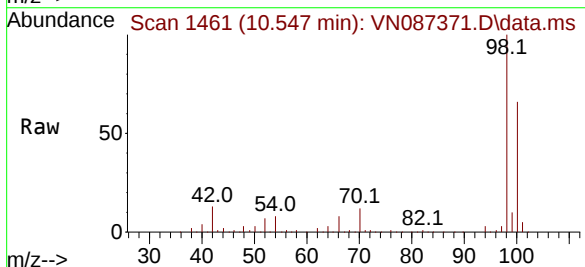
Acq: 21 Jul 2025 11:55

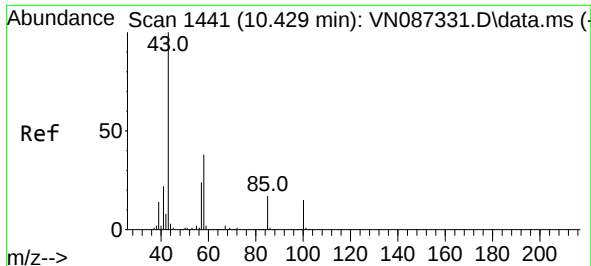
Tgt Ion: 98 Resp: 418084

Ion Ratio Lower Upper

98 100

100 66.2 52.1 78.1

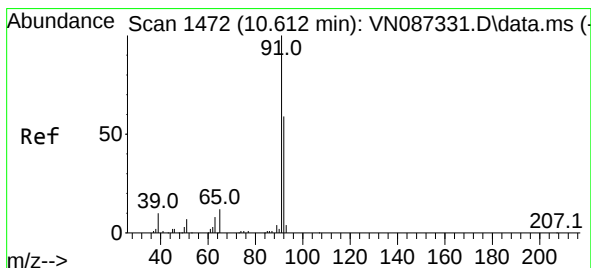
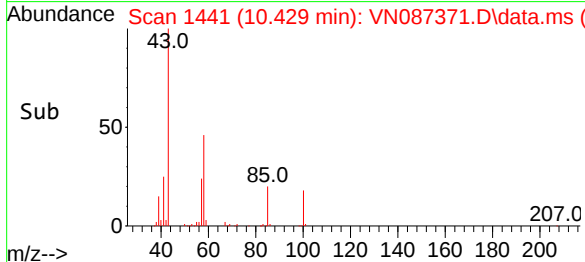
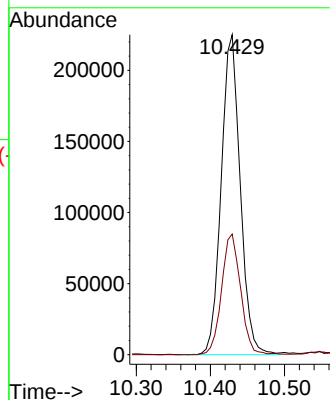
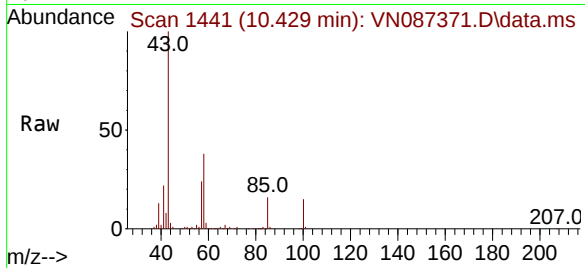




#51
4-Methyl-2-Pentanone
Concen: 92.023 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

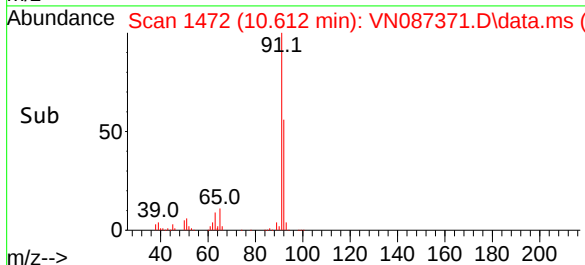
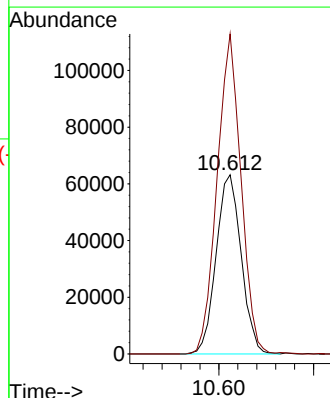
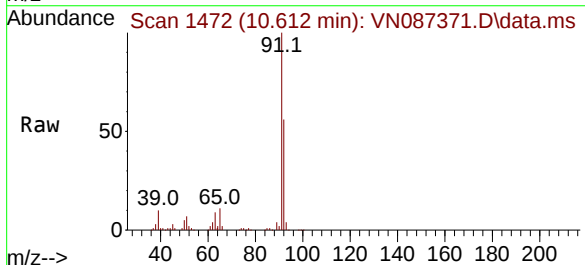
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

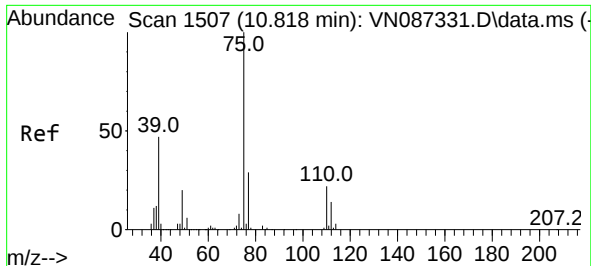
Tgt Ion: 43 Resp: 401014
Ion Ratio Lower Upper
43 100
58 37.8 30.8 46.2



#52
Toluene
Concen: 19.237 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 92 Resp: 116138
Ion Ratio Lower Upper
92 100
91 170.1 135.1 202.7

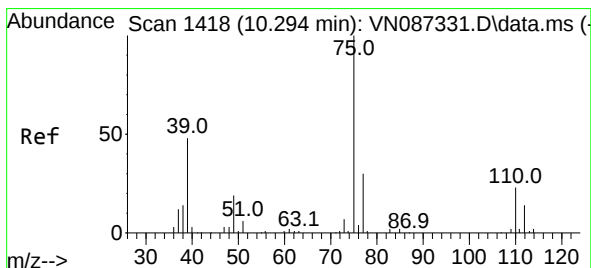
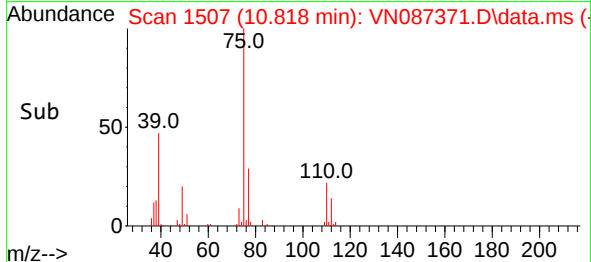
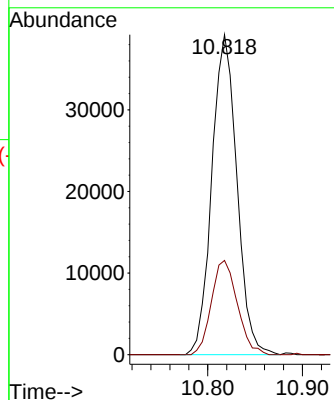
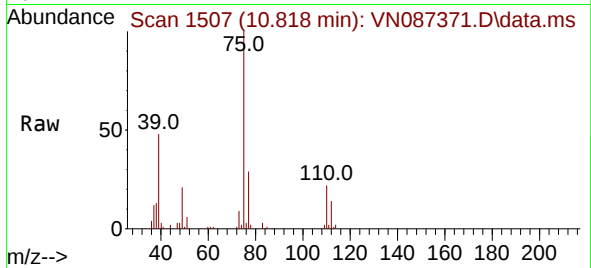




#53
t-1,3-Dichloropropene
Concen: 18.710 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

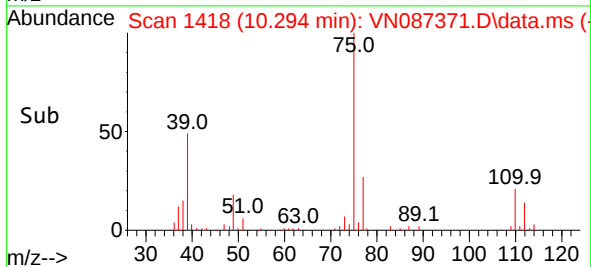
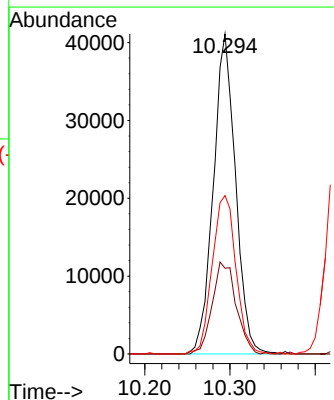
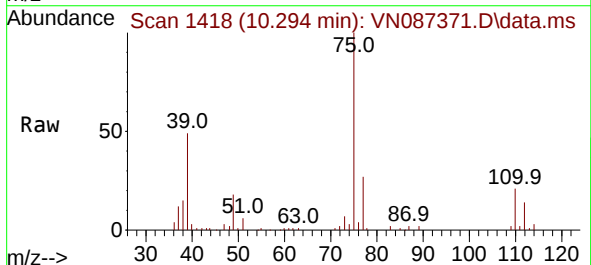
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

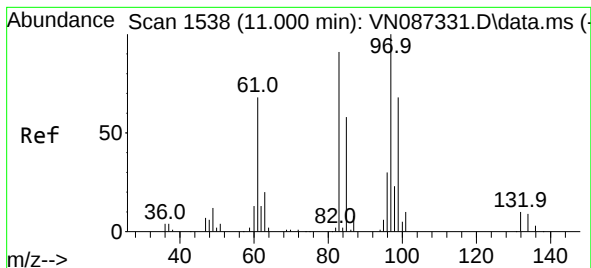
Tgt Ion: 75 Resp: 72070
Ion Ratio Lower Upper
75 100
77 29.5 23.6 35.4



#54
cis-1,3-Dichloropropene
Concen: 18.734 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 75 Resp: 74540
Ion Ratio Lower Upper
75 100
77 26.8 24.2 36.2
39 49.5 38.4 57.6





#55

1,1,2-Trichloroethane

Concen: 18.718 ug/l

RT: 11.000 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

Tgt Ion: 97 Resp: 45751

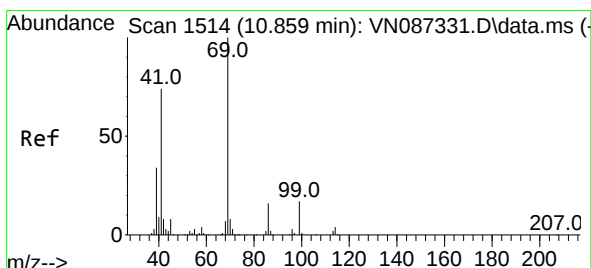
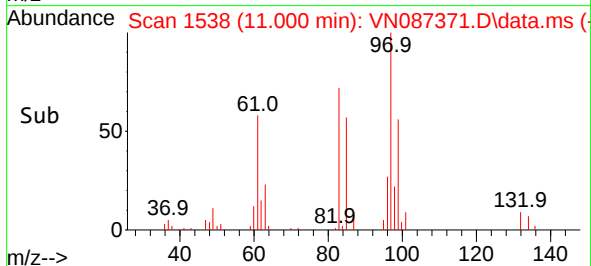
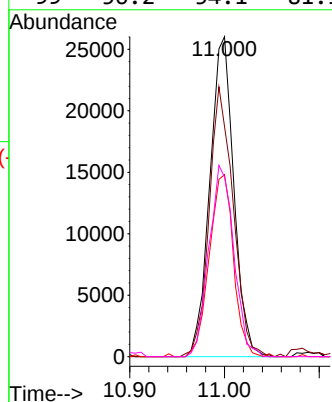
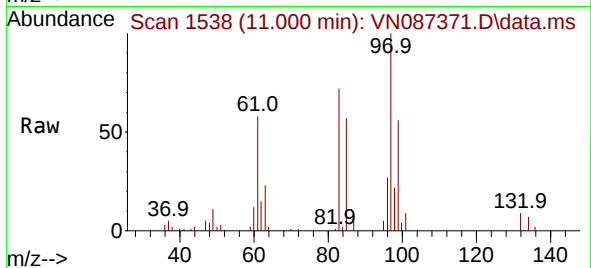
Ion Ratio Lower Upper

97 100

83 72.0 72.6 109.0#

85 56.9 46.7 70.1

99 56.2 54.1 81.1



#56

Ethyl methacrylate

Concen: 17.074 ug/l

RT: 10.859 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

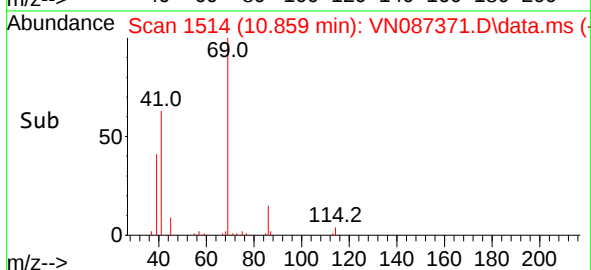
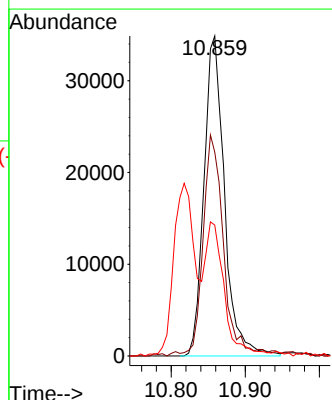
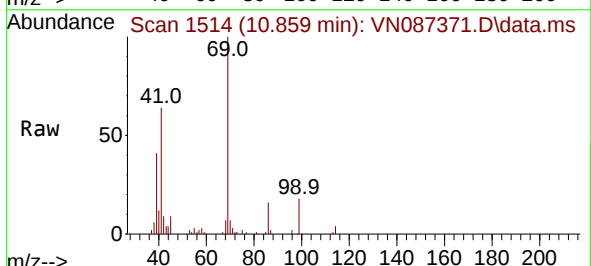
Tgt Ion: 69 Resp: 66938

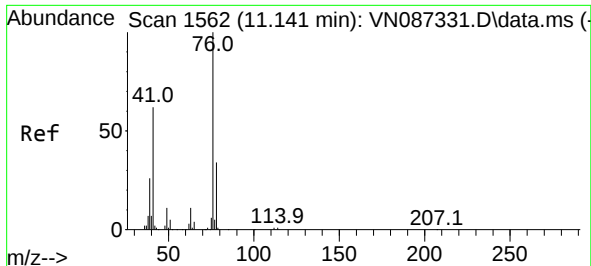
Ion Ratio Lower Upper

69 100

41 65.8 55.1 82.7

39 35.8 27.9 41.9

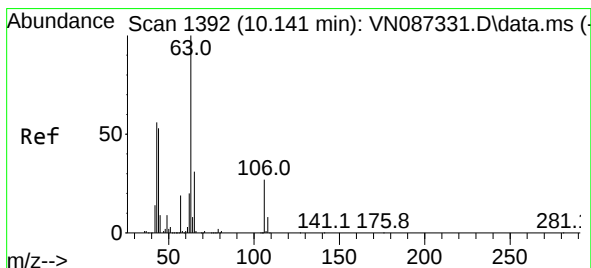
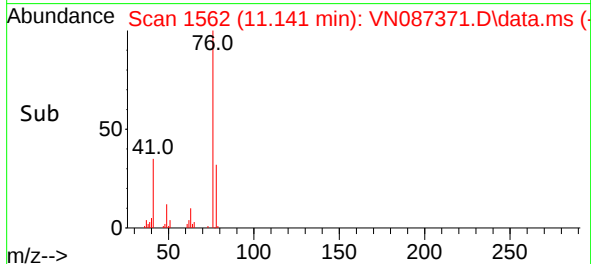
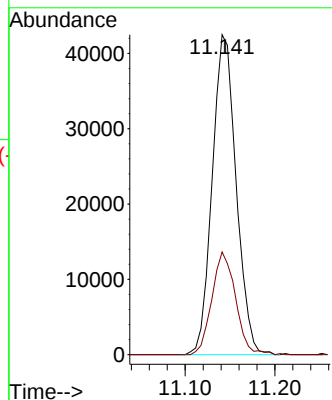
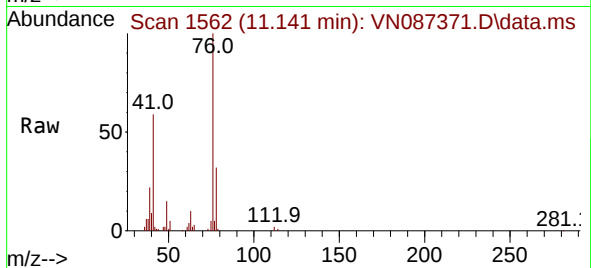




#57
1,3-Dichloropropane
Concen: 18.617 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

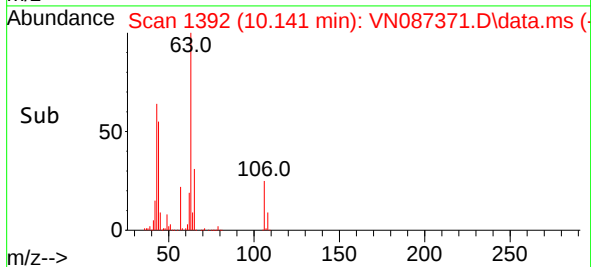
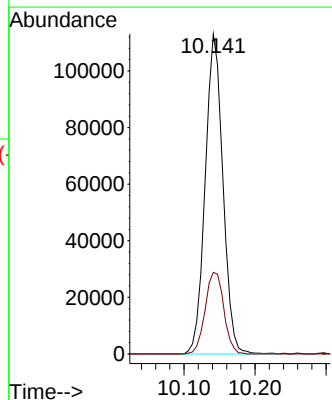
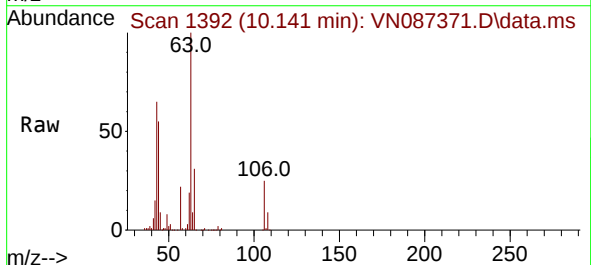
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

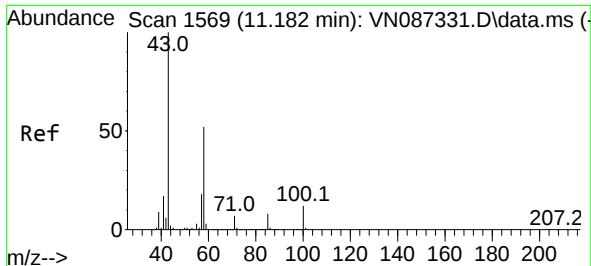
Tgt Ion: 76 Resp: 78676
Ion Ratio Lower Upper
76 100
78 31.8 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 97.690 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 63 Resp: 195869
Ion Ratio Lower Upper
63 100
106 26.9 21.7 32.5

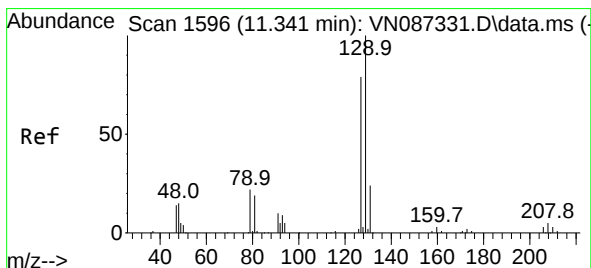
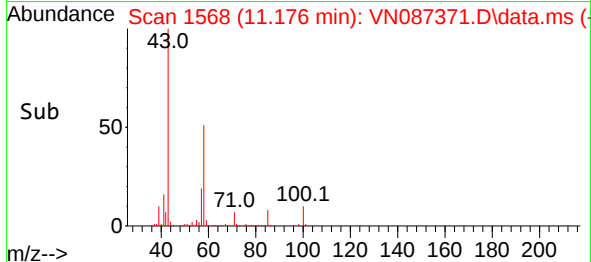
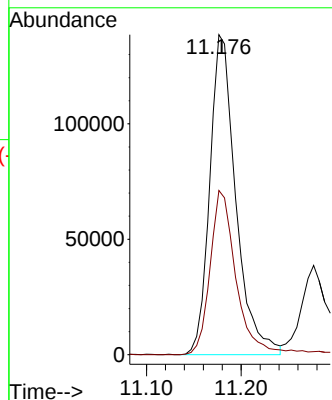
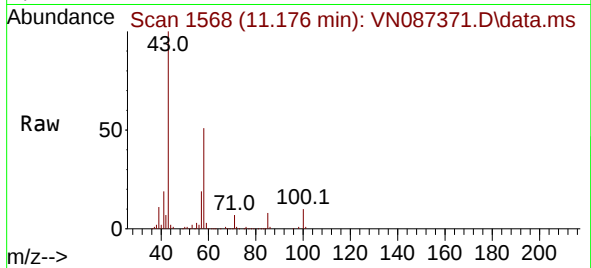




#59
2-Hexanone
Concen: 91.587 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

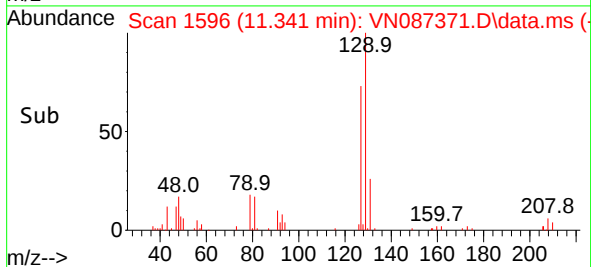
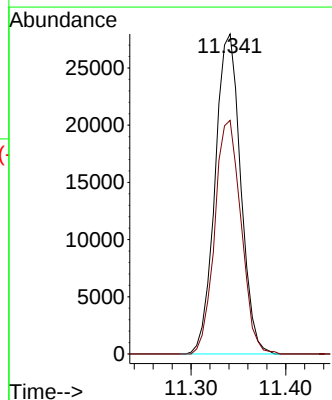
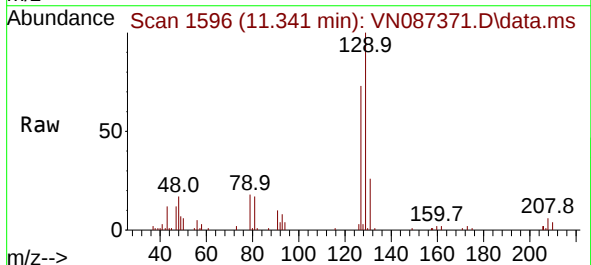
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

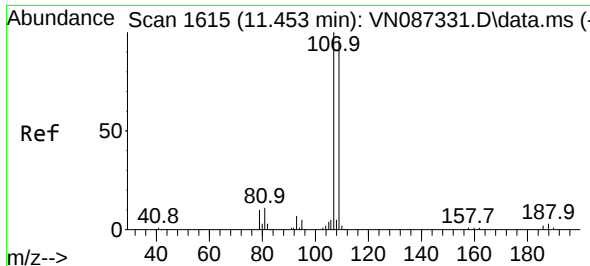
Tgt Ion: 43 Resp: 264794
Ion Ratio Lower Upper
43 100
58 52.6 26.7 80.0



#60
Dibromochloromethane
Concen: 18.826 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 129 Resp: 52477
Ion Ratio Lower Upper
129 100
127 75.0 39.1 117.5

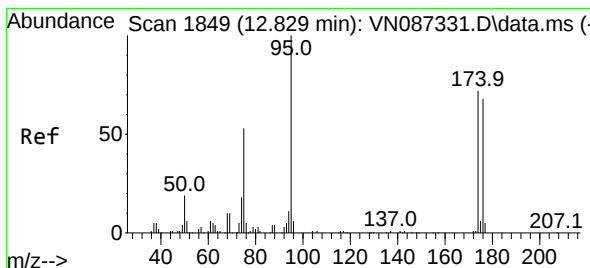
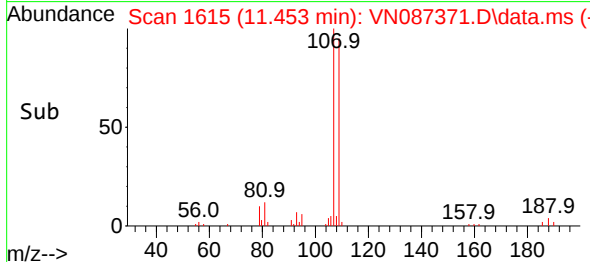
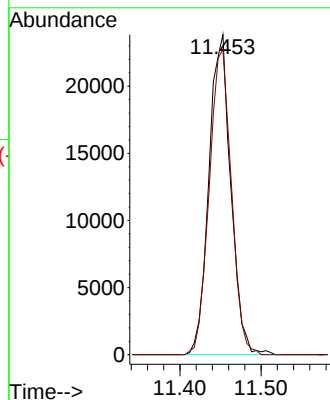
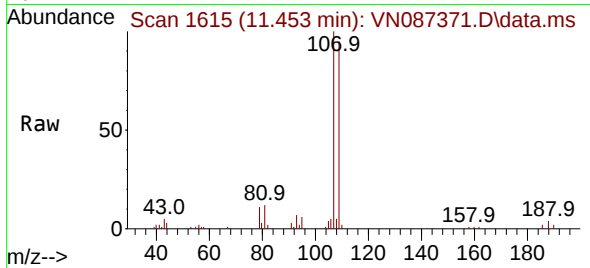




#61
1,2-Dibromoethane
Concen: 17.360 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

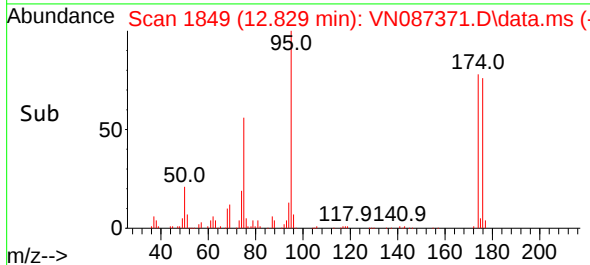
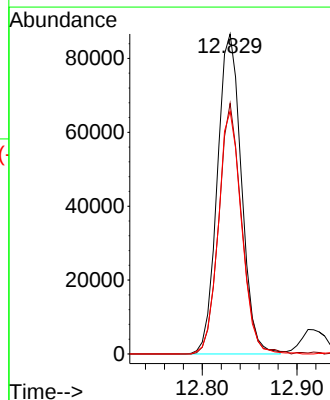
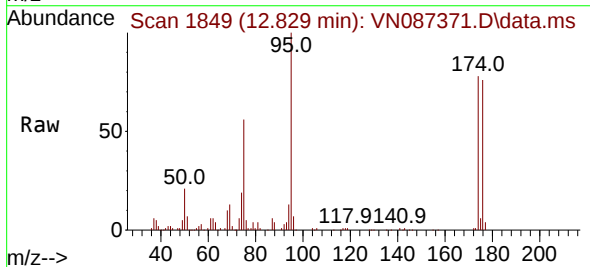
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

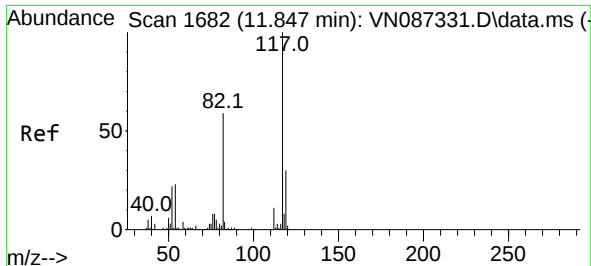
Tgt Ion:107 Resp: 44615
Ion Ratio Lower Upper
107 100
109 96.3 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 49.898 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 95 Resp: 152963
Ion Ratio Lower Upper
95 100
174 74.3 0.0 149.4
176 73.4 0.0 141.2

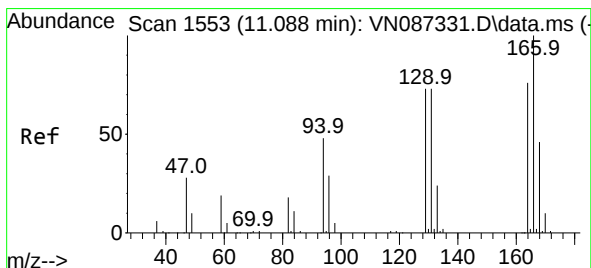
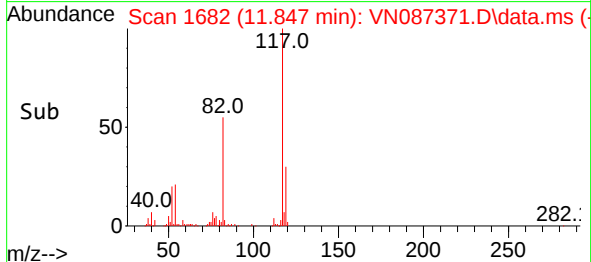
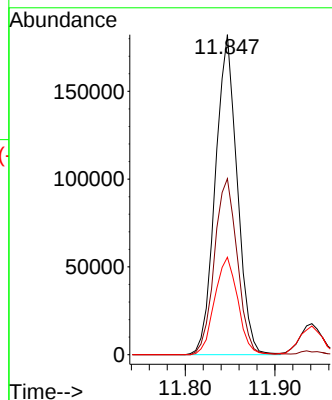
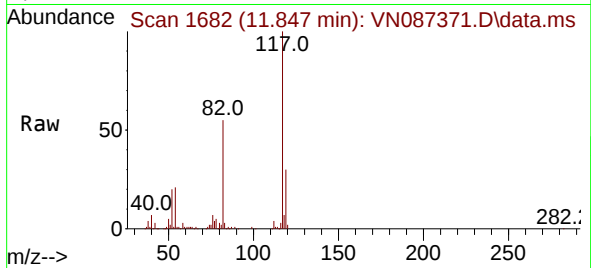




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

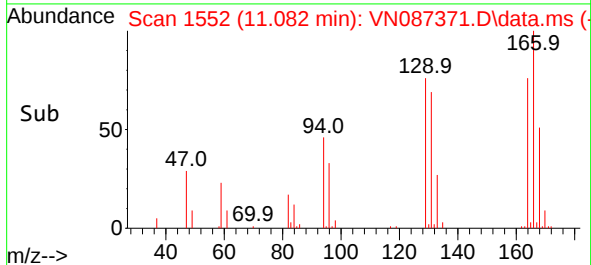
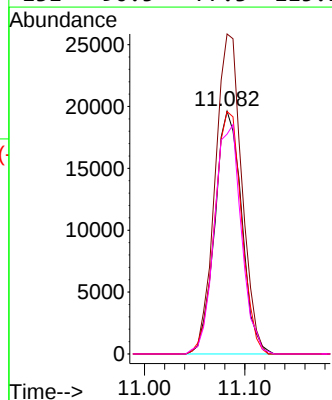
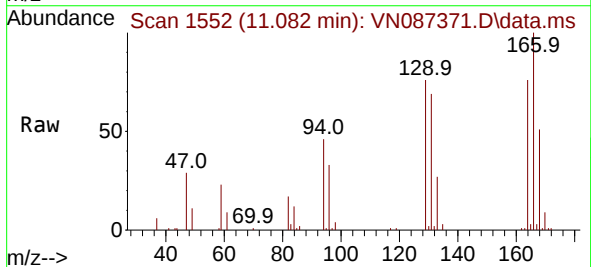
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

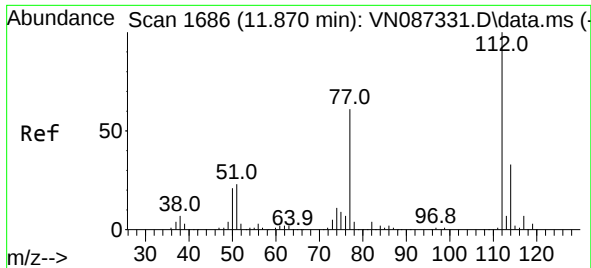
Tgt Ion:117 Resp: 308523
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 30.4 23.8 35.8



#64
Tetrachloroethene
Concen: 18.347 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion:164 Resp: 36432
Ion Ratio Lower Upper
164 100
166 131.8 105.5 158.3
129 99.8 77.4 116.2
131 90.5 77.3 115.9

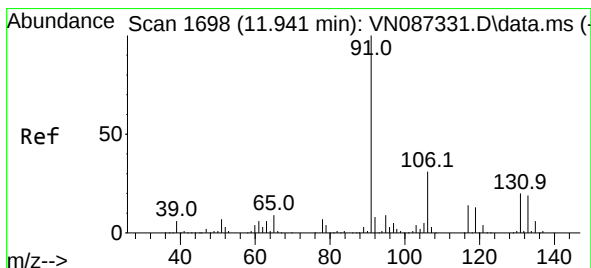
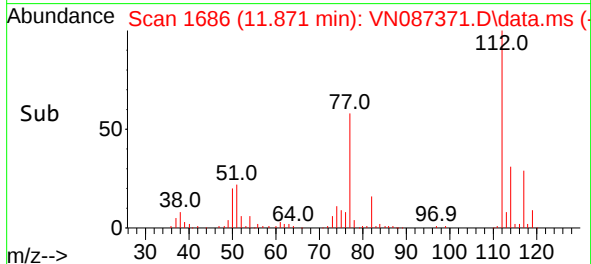
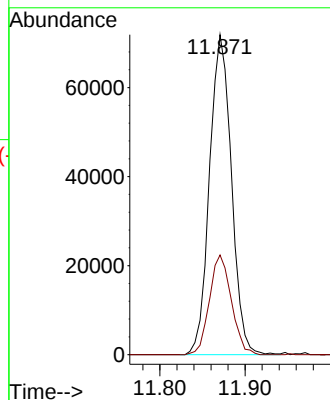
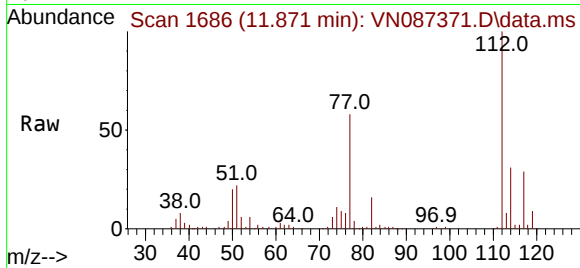




#65
Chlorobenzene
Concen: 18.573 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

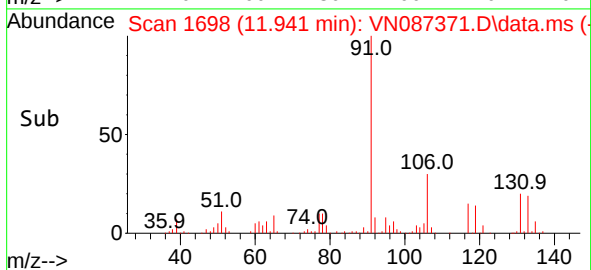
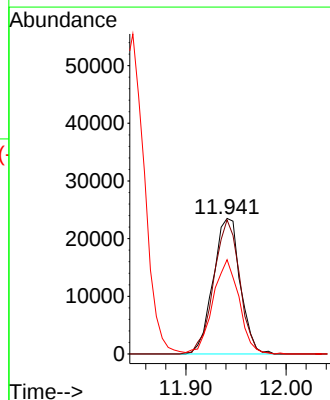
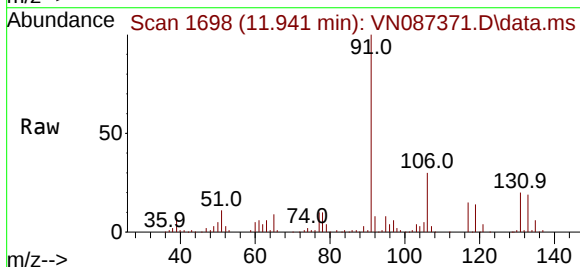
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

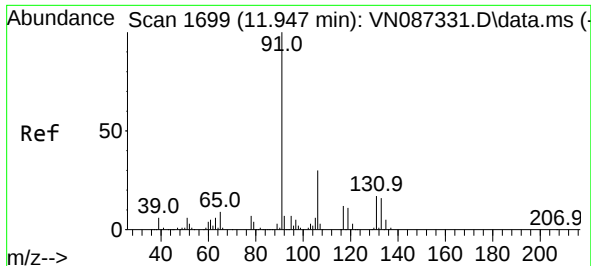
Tgt Ion:112 Resp: 128645
Ion Ratio Lower Upper
112 100
114 31.2 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.716 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion:131 Resp: 44082
Ion Ratio Lower Upper
131 100
133 94.5 47.4 142.3
119 67.3 33.1 99.2





#67

Ethyl Benzene

Concen: 18.115 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

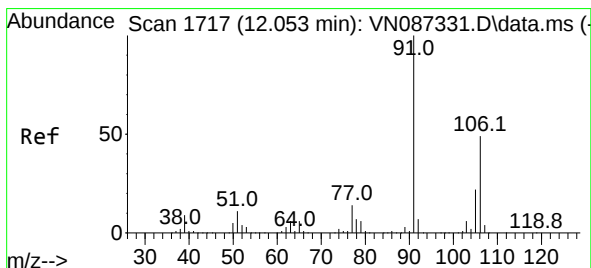
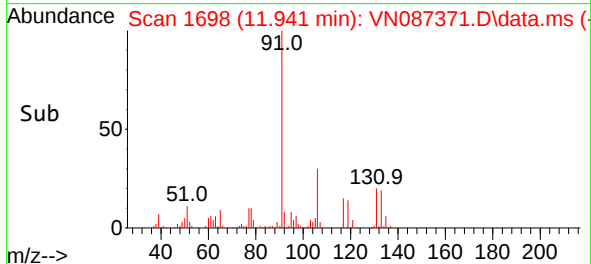
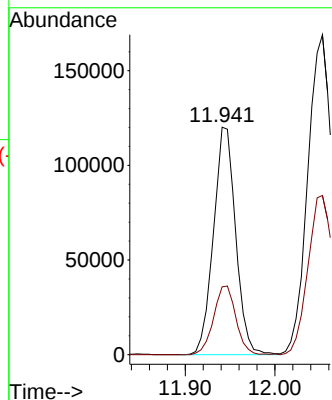
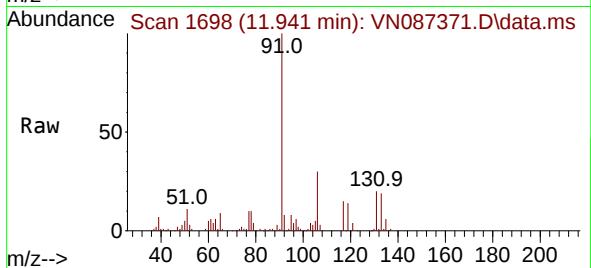
VN0721WBS01

Tgt Ion: 91 Resp: 206561

Ion Ratio Lower Upper

91 100

106 29.8 24.3 36.5



#68

m/p-Xylenes

Concen: 39.515 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VN087371.D

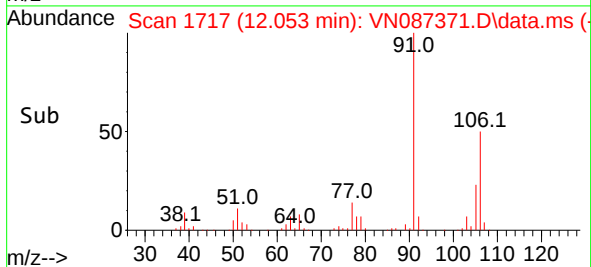
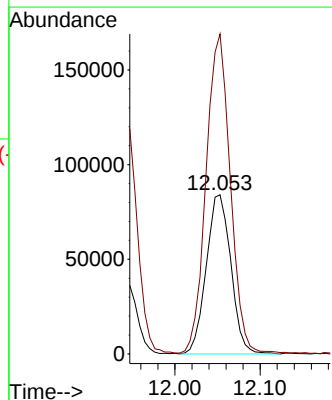
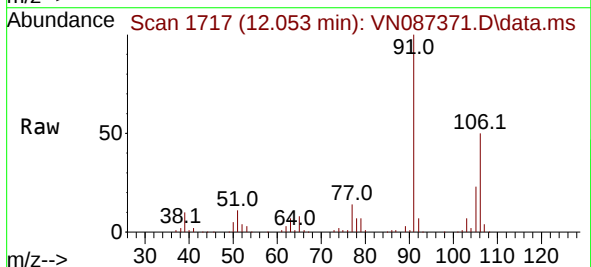
Acq: 21 Jul 2025 11:55

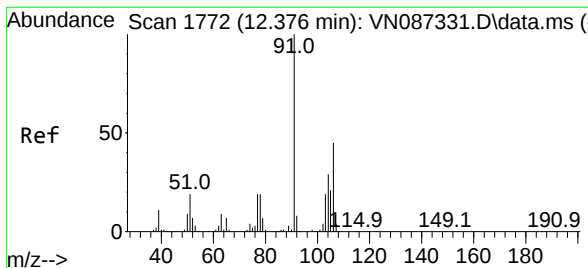
Tgt Ion:106 Resp: 168727

Ion Ratio Lower Upper

106 100

91 198.8 162.0 243.0

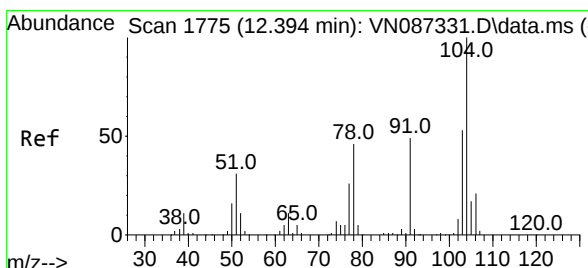
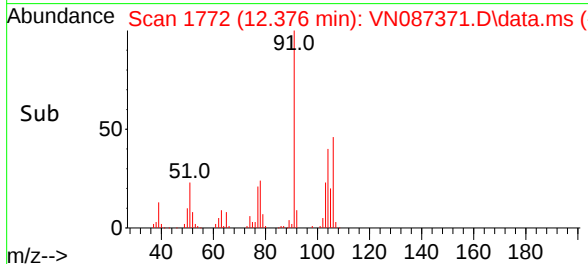
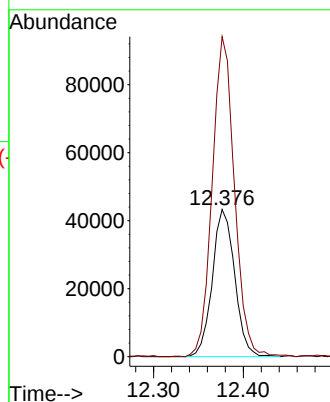
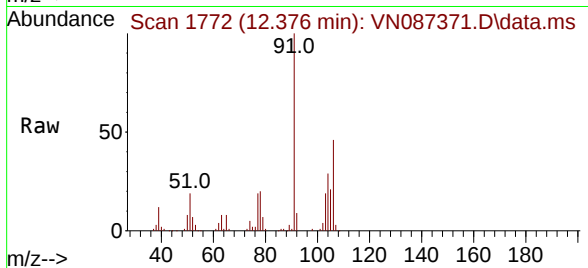




#69
o-Xylene
Concen: 18.388 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

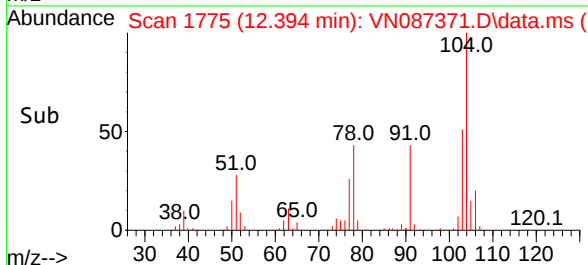
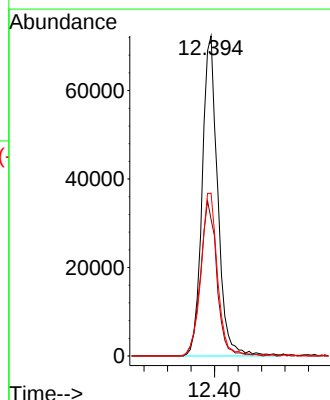
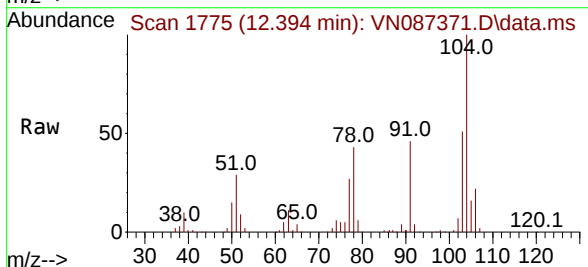
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

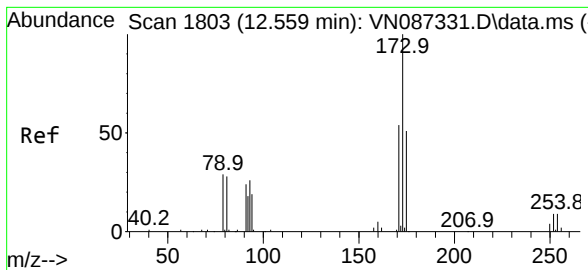
Tgt Ion:106 Resp: 75002
Ion Ratio Lower Upper
106 100
91 216.0 107.7 323.3



#70
Styrene
Concen: 19.325 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion:104 Resp: 132593
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 54.2 43.9 65.9

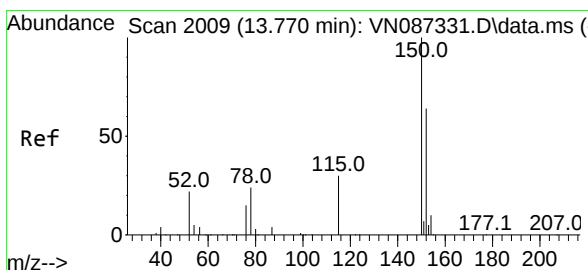
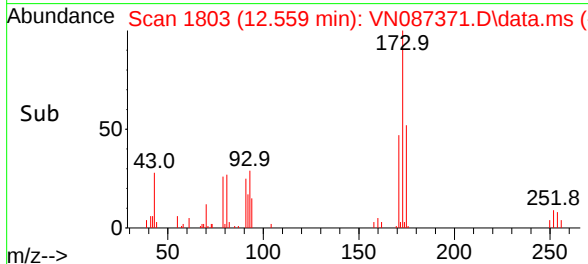
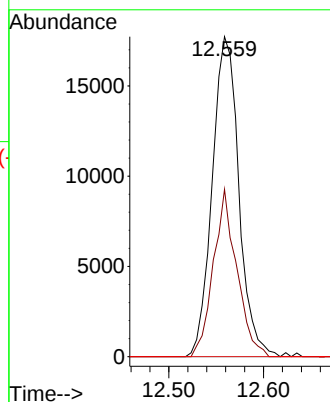
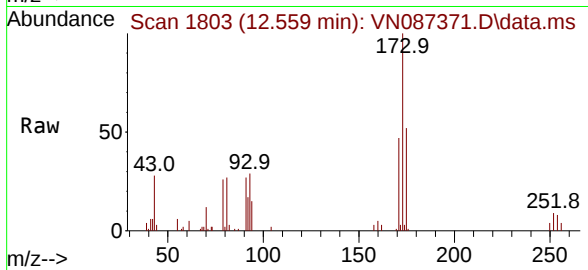




#71
Bromoform
Concen: 18.179 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

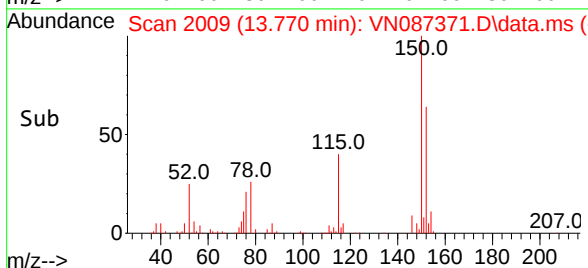
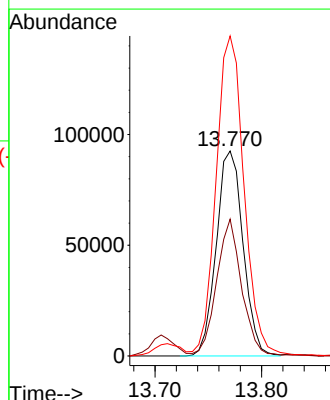
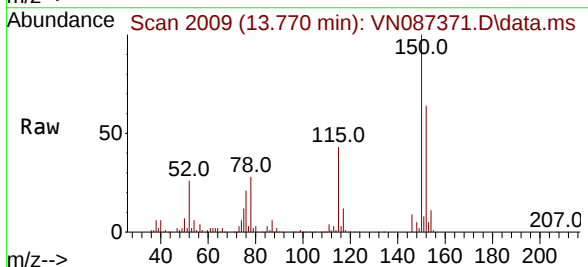
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

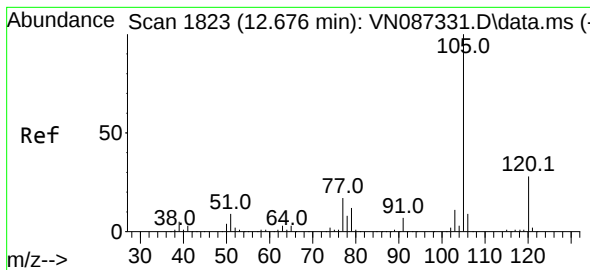
Tgt Ion:173 Resp: 34591
Ion Ratio Lower Upper
173 100
175 46.1 24.1 72.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion:152 Resp: 161452
Ion Ratio Lower Upper
152 100
115 62.5 31.1 93.5
150 163.6 0.0 349.0





#73

Isopropylbenzene

Concen: 19.497 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.000 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

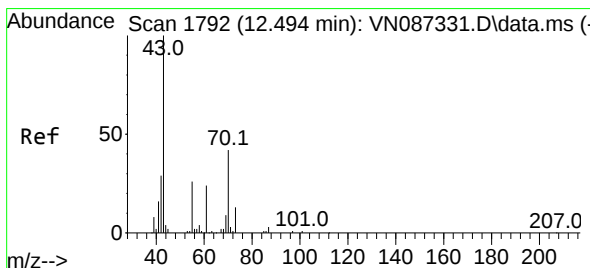
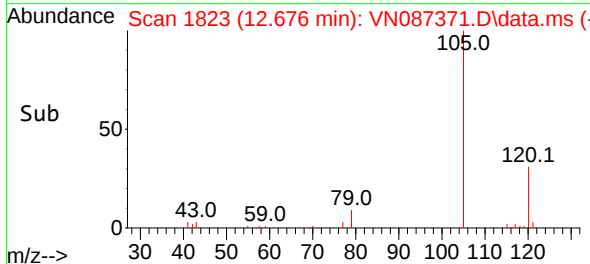
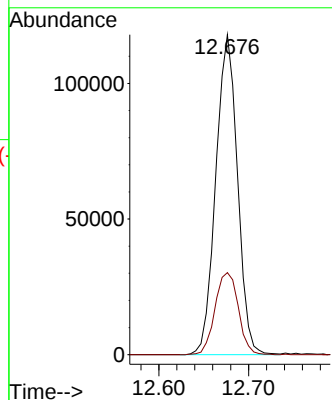
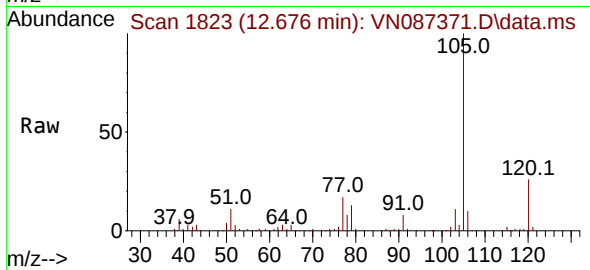
VN0721WBS01

Tgt Ion:105 Resp: 198119

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.1



#74

N-ethyl acetate

Concen: 7.596 ug/l

RT: 12.512 min Scan# 1795

Delta R.T. 0.018 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

Tgt Ion: 43 Resp: 32071

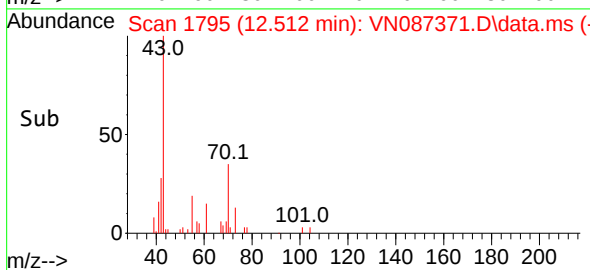
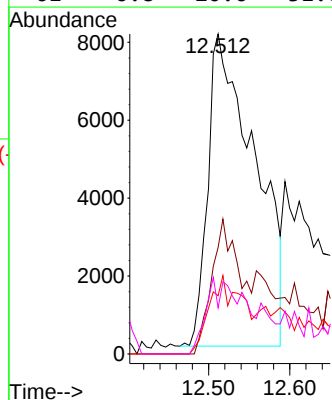
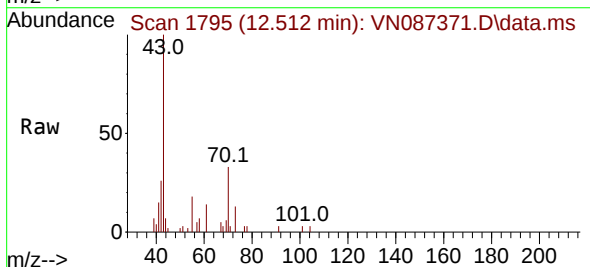
Ion Ratio Lower Upper

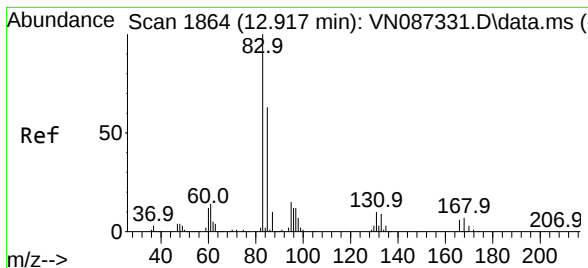
43 100

70 26.6 37.6 56.4#

55 13.1 19.6 29.4#

61 6.8 20.6 31.0#

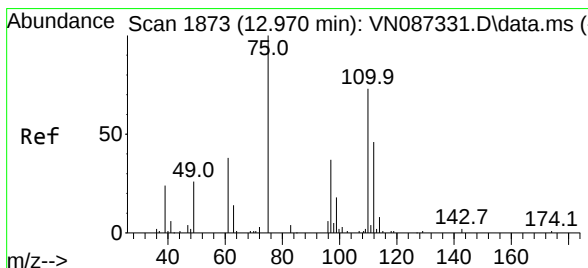
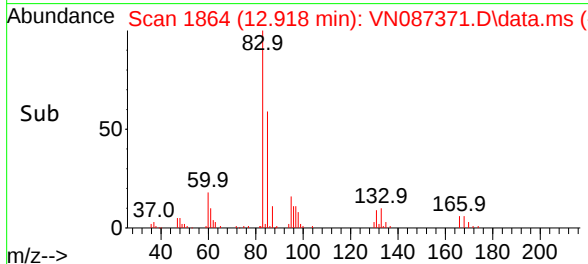
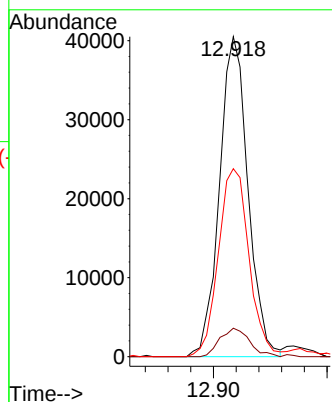
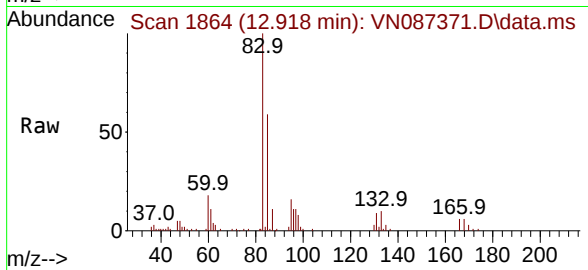




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.451 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087371.D
 Acq: 21 Jul 2025 11:55

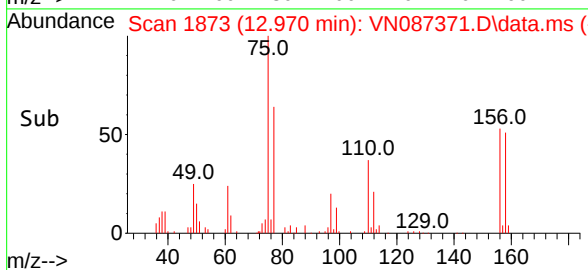
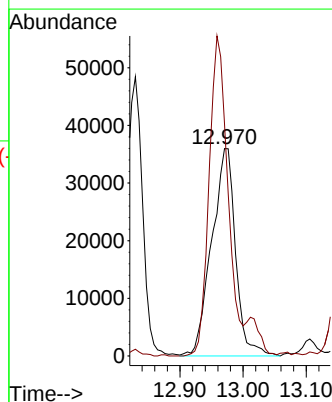
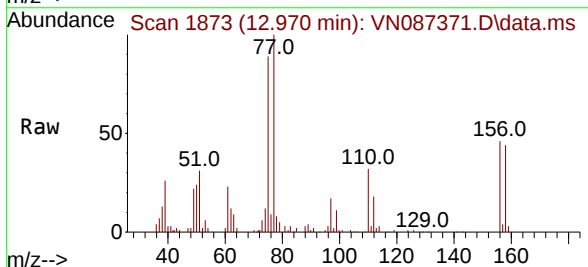
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

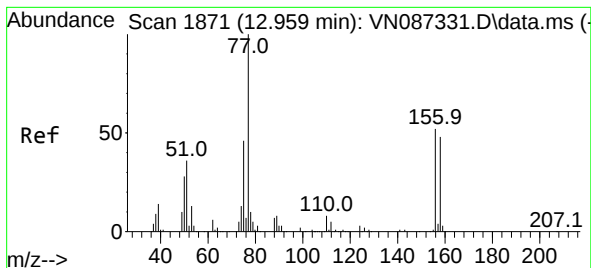
Tgt Ion: 83 Resp: 70547
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.1 15.3
 85 63.1 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 26.120 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087371.D
 Acq: 21 Jul 2025 11:55

Tgt Ion: 75 Resp: 94564
 Ion Ratio Lower Upper
 75 100
 77 121.1 94.5 283.6





#77

Bromobenzene

Concen: 18.906 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

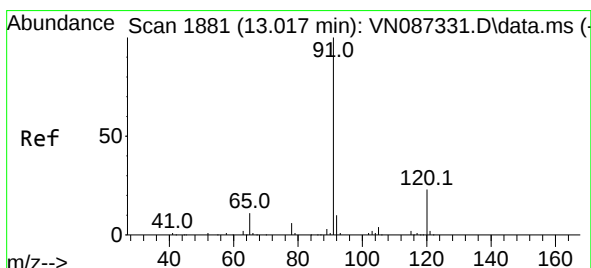
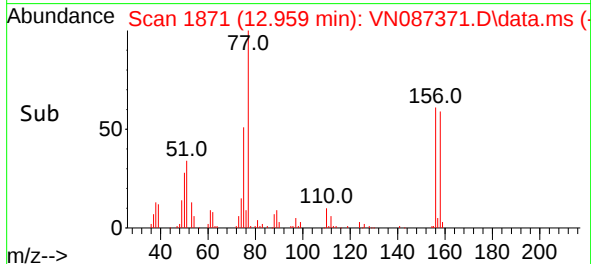
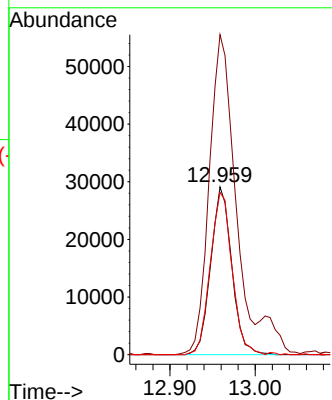
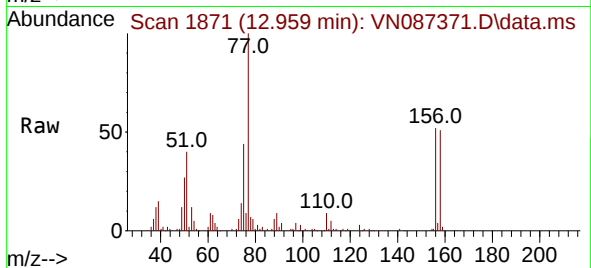
Tgt Ion:156 Resp: 49824

Ion Ratio Lower Upper

156 100

77 229.8 114.9 344.6

158 100.3 48.5 145.5



#78

n-propylbenzene

Concen: 20.096 ug/l

RT: 13.018 min Scan# 1881

Delta R.T. 0.000 min

Lab File: VN087371.D

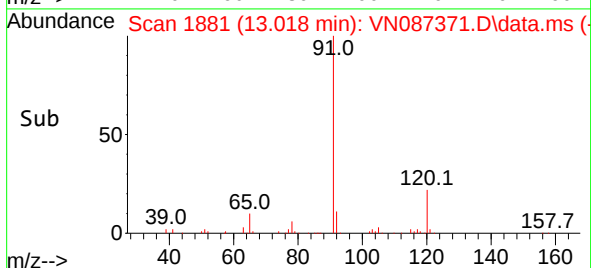
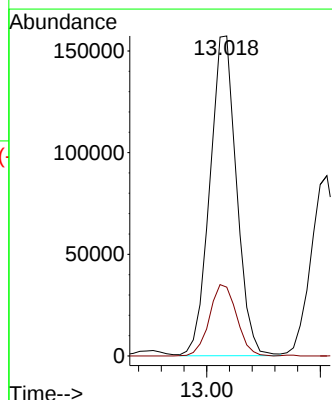
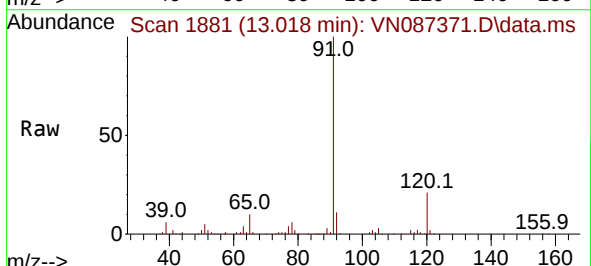
Acq: 21 Jul 2025 11:55

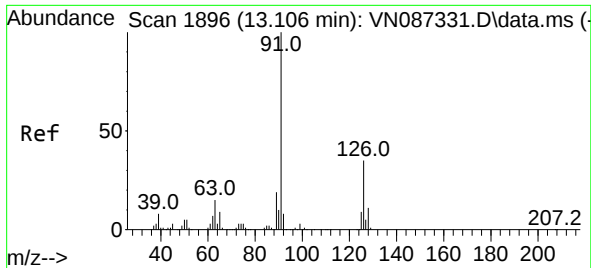
Tgt Ion: 91 Resp: 256928

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.8

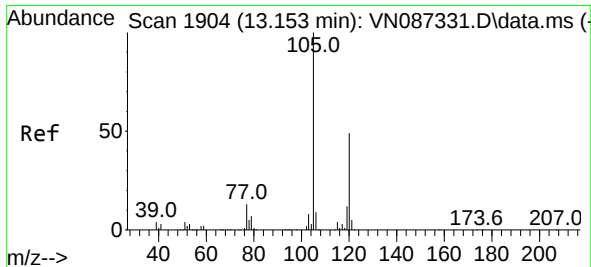
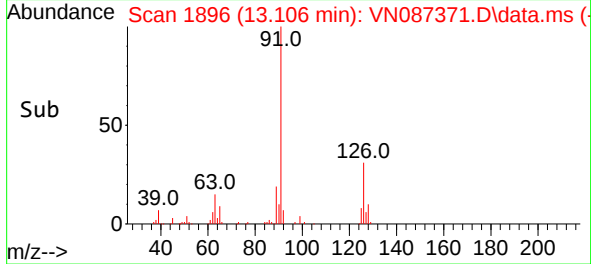
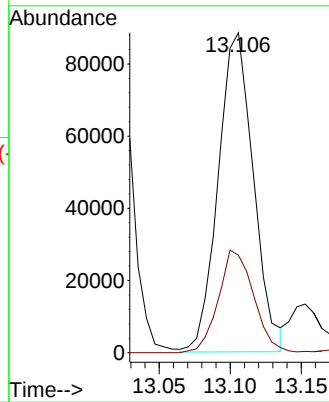
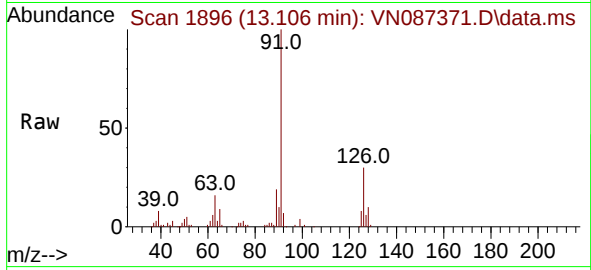




#79
2-Chlorotoluene
Concen: 19.419 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

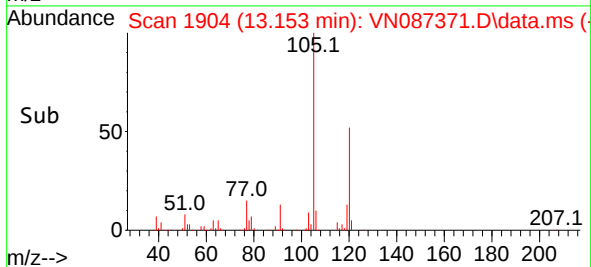
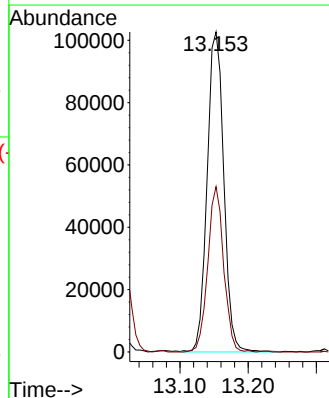
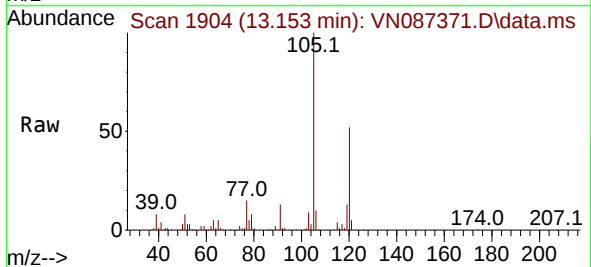
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

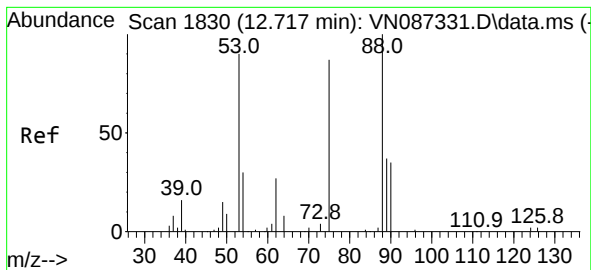
Tgt Ion: 91 Resp: 152583
Ion Ratio Lower Upper
91 100
126 32.2 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.136 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 105 Resp: 174332
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8

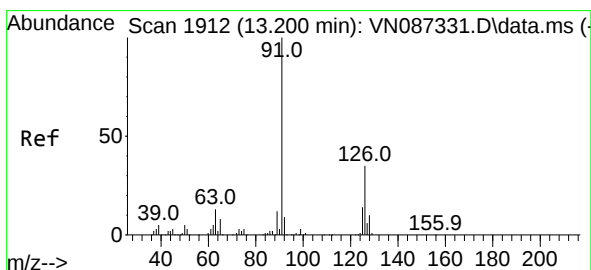
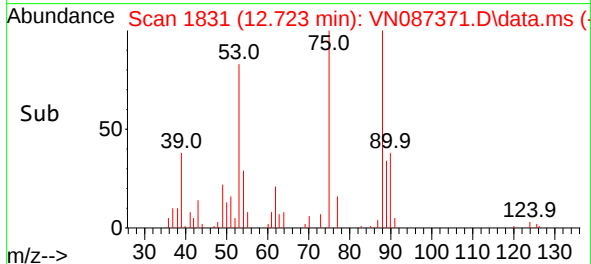
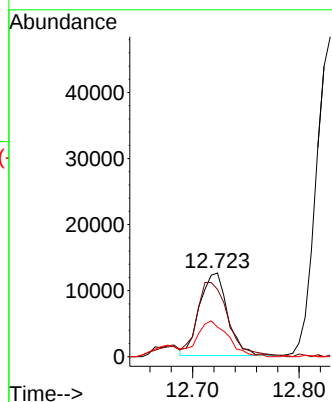
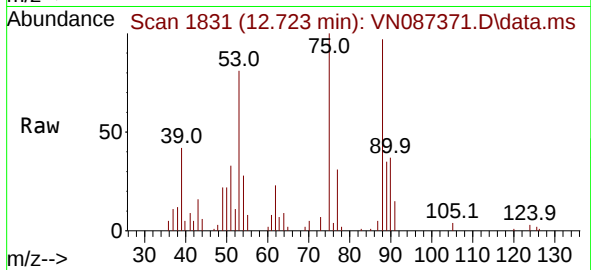




#81
trans-1,4-Dichloro-2-butene
Concen: 17.345 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

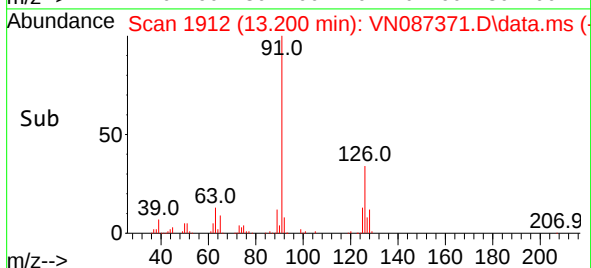
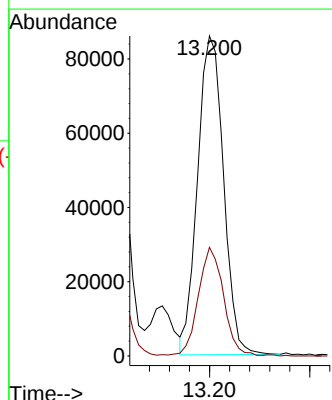
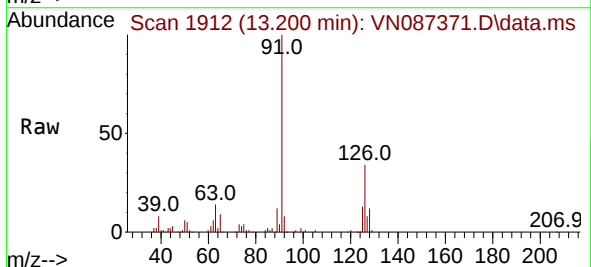
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

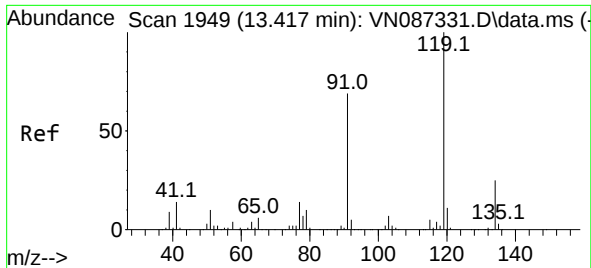
Tgt Ion: 75 Resp: 22951
Ion Ratio Lower Upper
75 100
53 111.1 83.5 125.3
89 47.8 38.4 57.6



#82
4-Chlorotoluene
Concen: 18.861 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 91 Resp: 154290
Ion Ratio Lower Upper
91 100
126 32.7 16.6 49.7

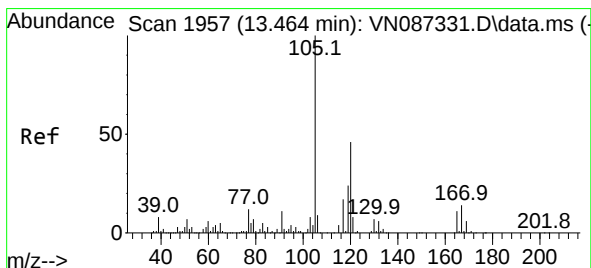
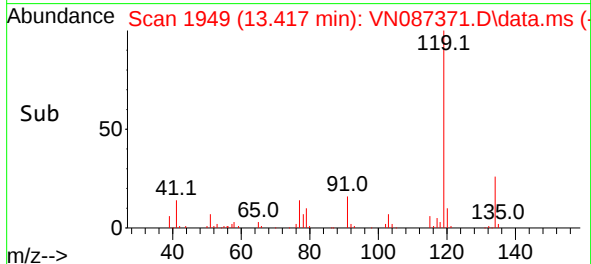
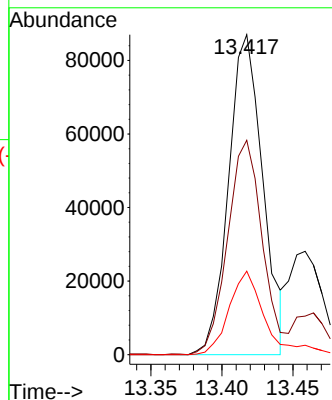
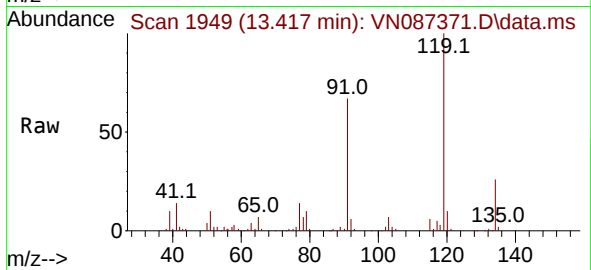




#83
tert-Butylbenzene
Concen: 20.214 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

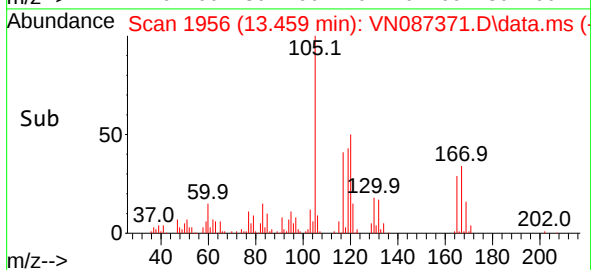
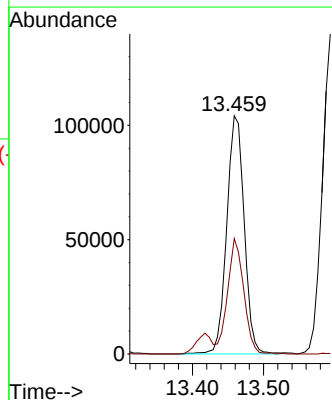
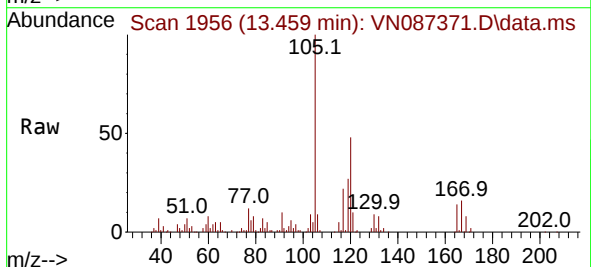
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

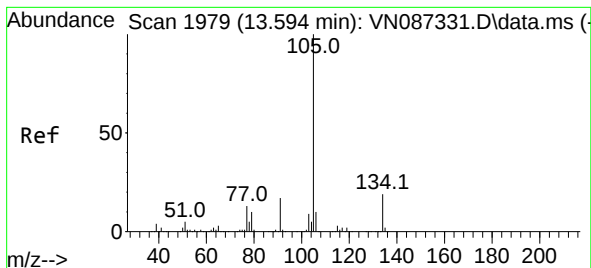
Tgt Ion:119 Resp: 146165
Ion Ratio Lower Upper
119 100
91 68.5 35.0 105.1
134 27.3 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 20.123 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion:105 Resp: 177920
Ion Ratio Lower Upper
105 100
120 45.3 22.8 68.3





#85

sec-Butylbenzene

Concen: 20.275 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

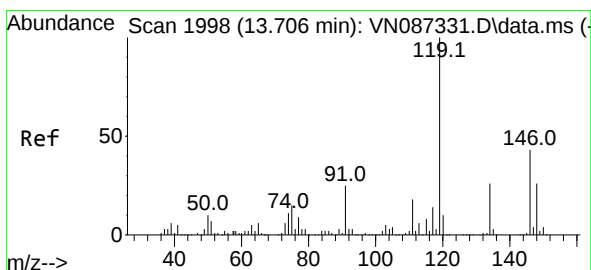
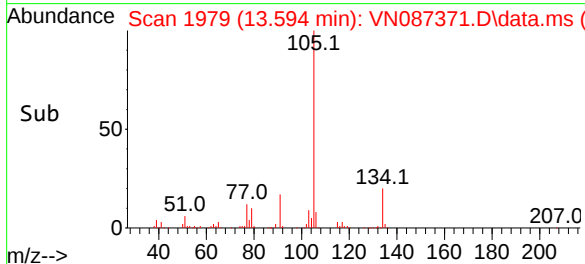
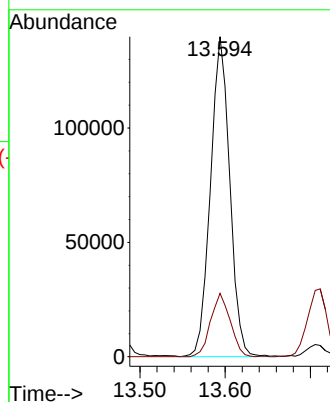
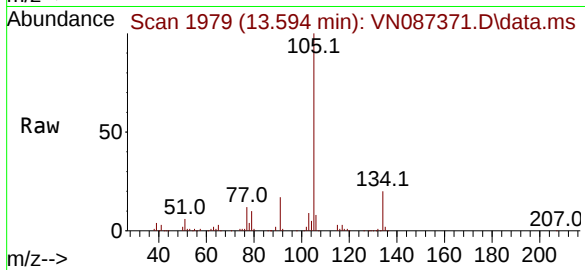
VN0721WBS01

Tgt Ion:105 Resp: 220837

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.4



#86

p-Isopropyltoluene

Concen: 20.801 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

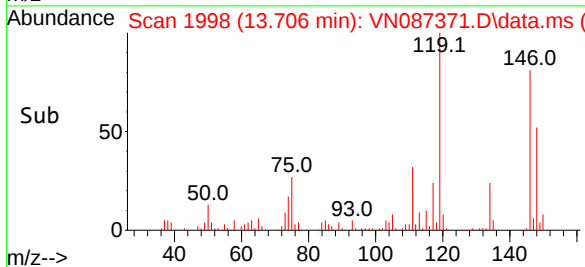
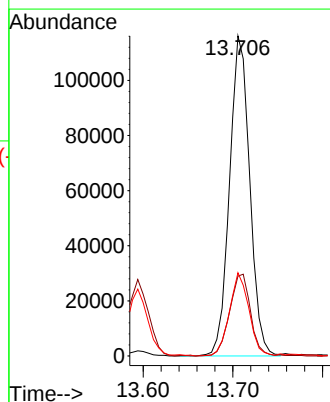
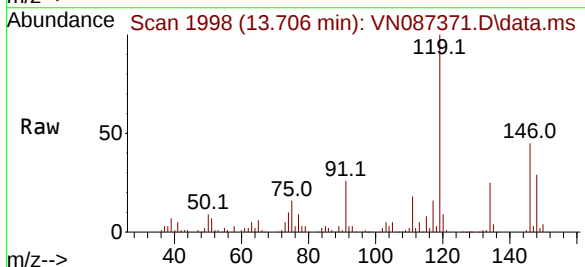
Tgt Ion:119 Resp: 181563

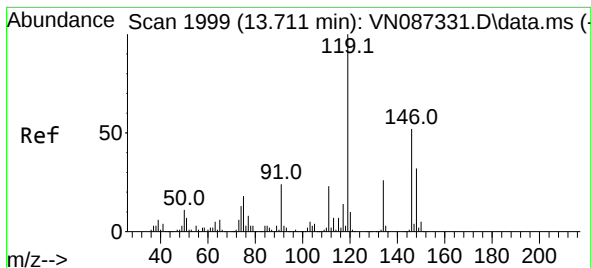
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.5

91 25.1 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 19.120 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

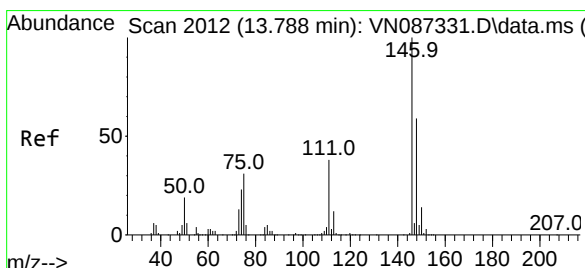
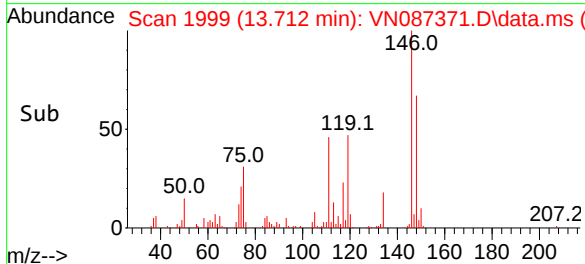
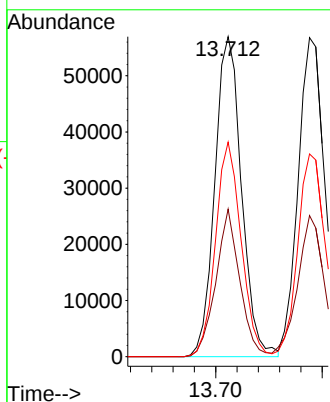
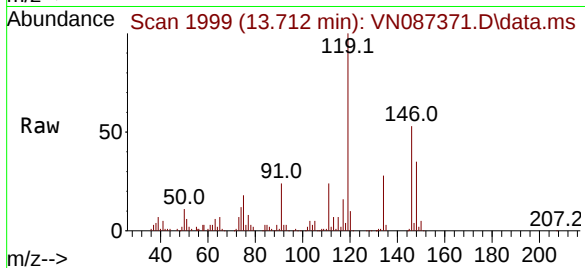
Tgt Ion:146 Resp: 98893

Ion Ratio Lower Upper

146 100

111 41.5 21.4 64.3

148 64.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 18.026 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

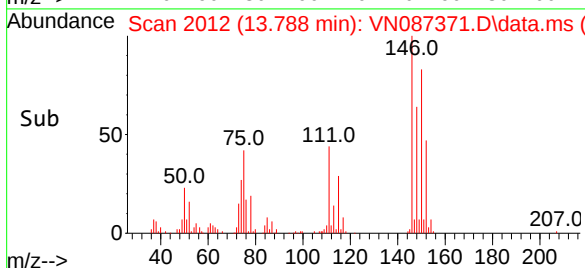
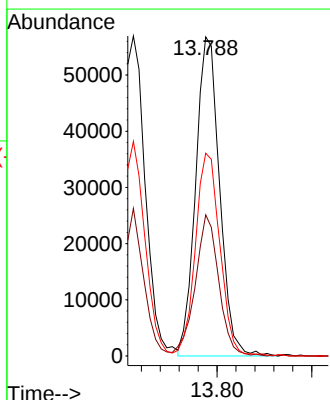
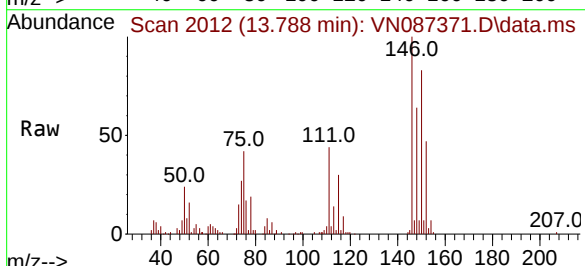
Tgt Ion:146 Resp: 99576

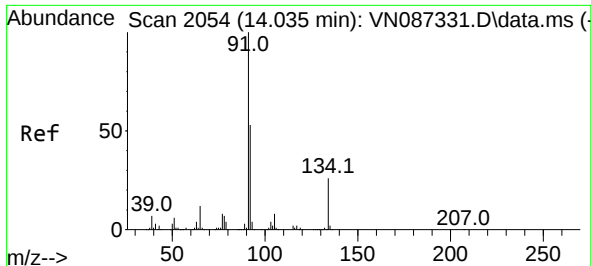
Ion Ratio Lower Upper

146 100

111 43.5 19.6 58.7

148 65.2 31.4 94.0

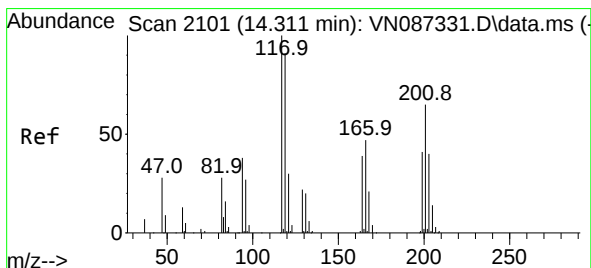
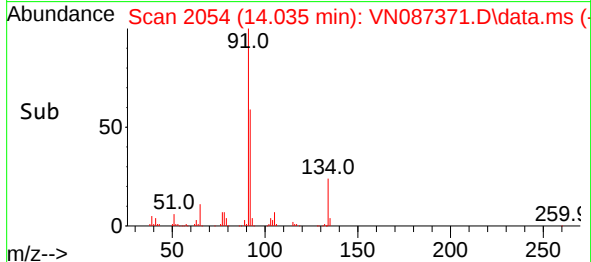
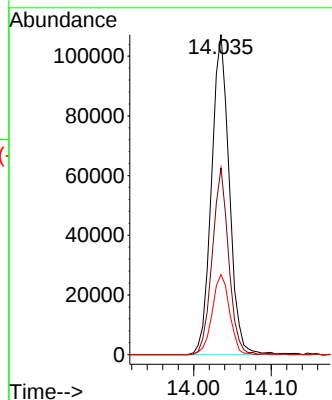
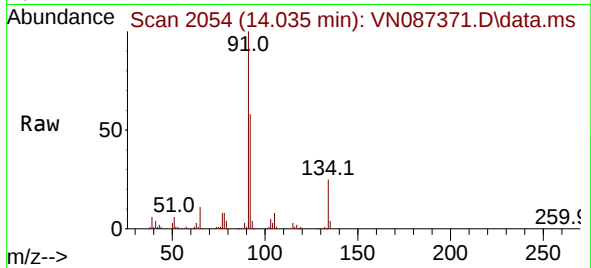




#89
n-Butylbenzene
Concen: 20.458 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

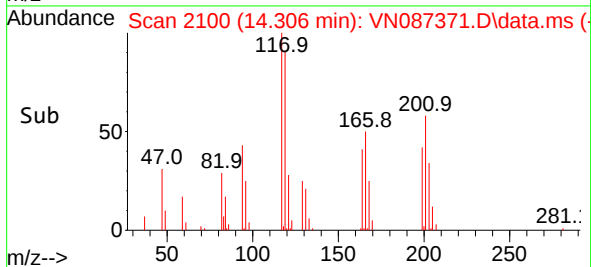
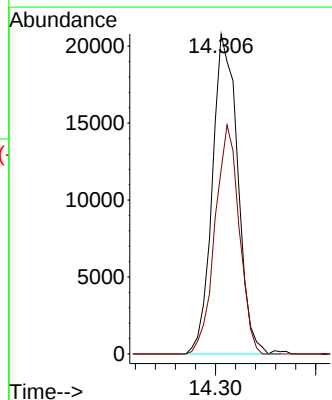
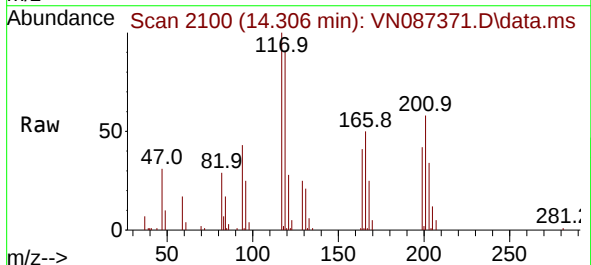
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

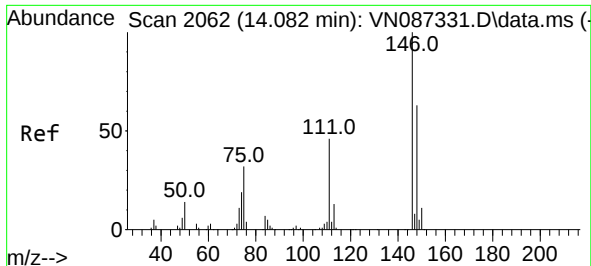
Tgt Ion: 91 Resp: 170515
Ion Ratio Lower Upper
91 100
92 53.7 26.2 78.6
134 24.5 12.4 37.2



#90
Hexachloroethane
Concen: 19.744 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 117 Resp: 36514
Ion Ratio Lower Upper
117 100
201 68.4 32.8 98.4

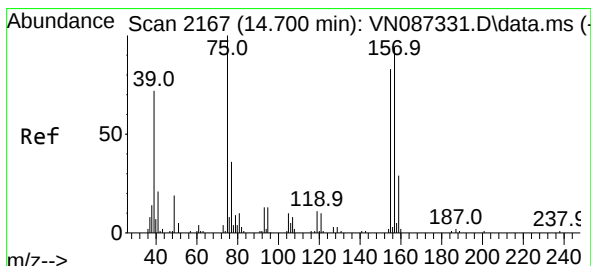
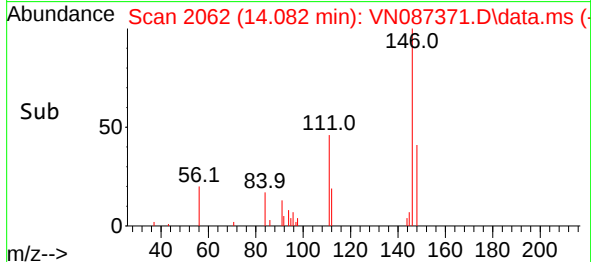
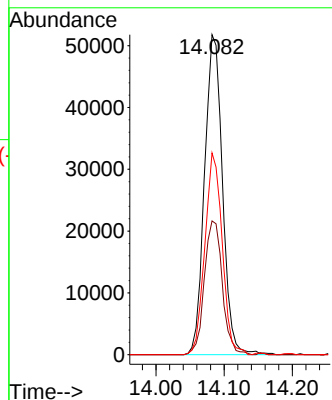
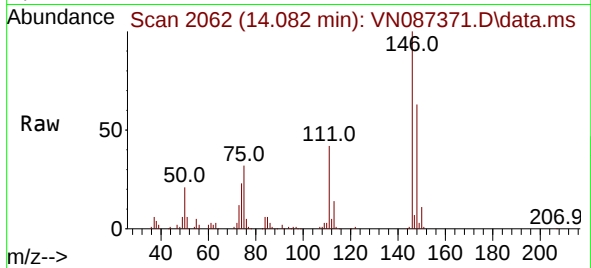




#91
1,2-Dichlorobenzene
Concen: 19.334 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

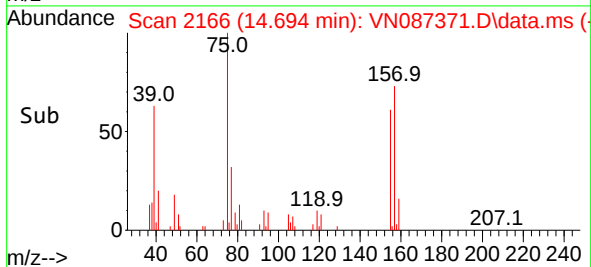
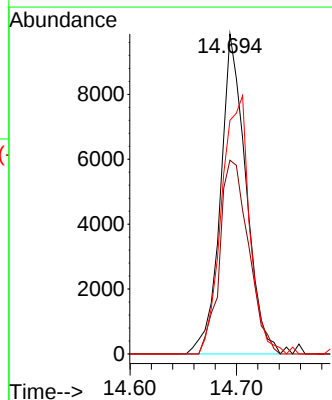
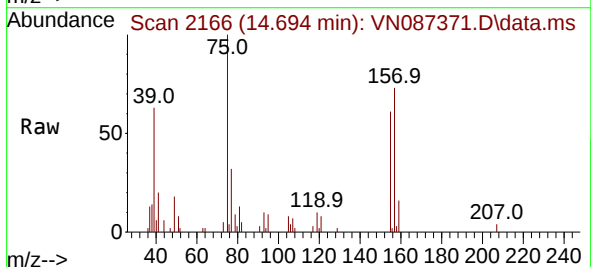
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

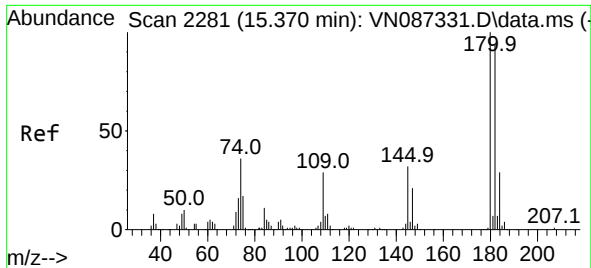
Tgt Ion:146 Resp: 94733
Ion Ratio Lower Upper
146 100
111 41.9 22.0 66.0
148 60.9 32.7 98.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.304 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087371.D
Acq: 21 Jul 2025 11:55

Tgt Ion: 75 Resp: 16367
Ion Ratio Lower Upper
75 100
155 68.7 37.3 111.8
157 89.0 46.2 138.6

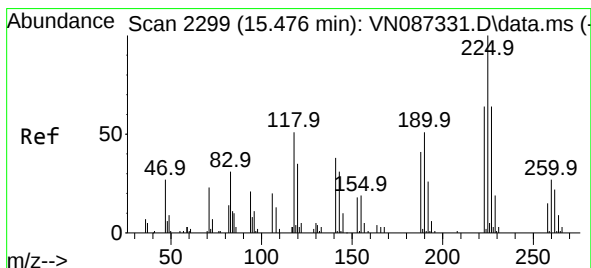
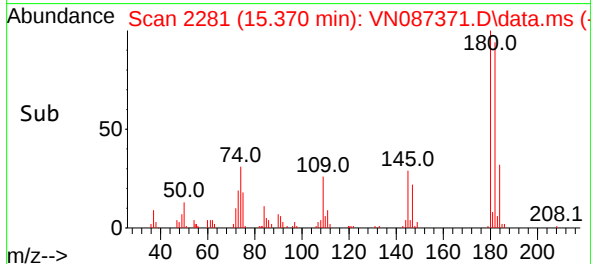
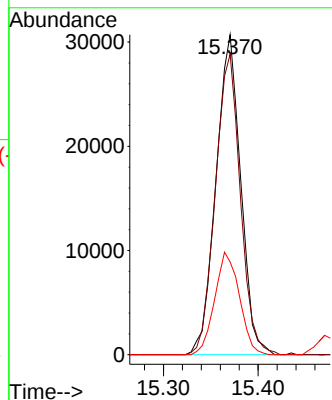
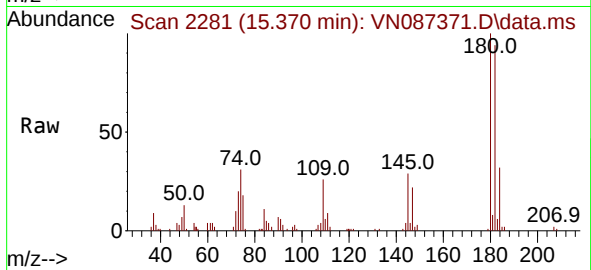




#93
 1,2,4-Trichlorobenzene
 Concen: 19.305 ug/l
 RT: 15.370 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087371.D
 Acq: 21 Jul 2025 11:55

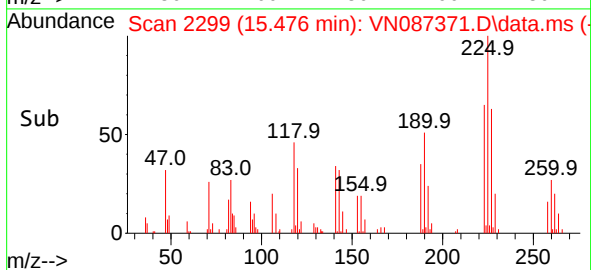
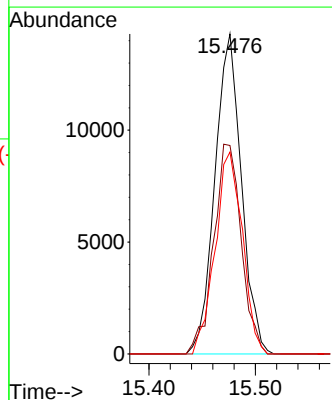
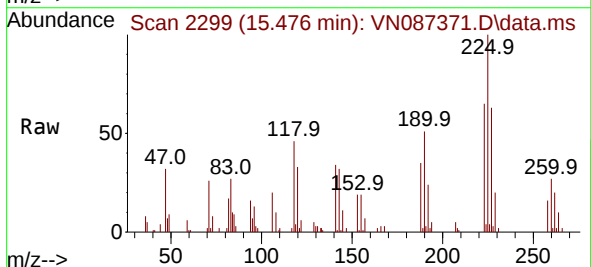
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

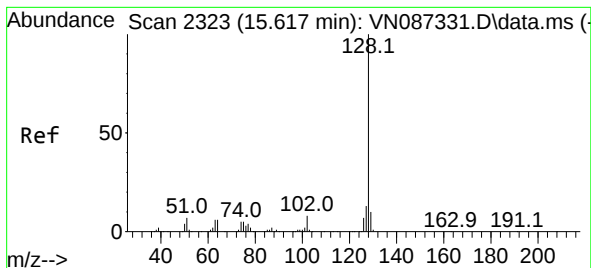
Tgt Ion:180 Resp: 55564
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 141.8
 145 32.1 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 23.120 ug/l
 RT: 15.476 min Scan# 2299
 Delta R.T. 0.000 min
 Lab File: VN087371.D
 Acq: 21 Jul 2025 11:55

Tgt Ion:225 Resp: 24726
 Ion Ratio Lower Upper
 225 100
 223 68.1 32.1 96.3
 227 64.9 31.3 93.9





#95

Naphthalene

Concen: 17.202 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

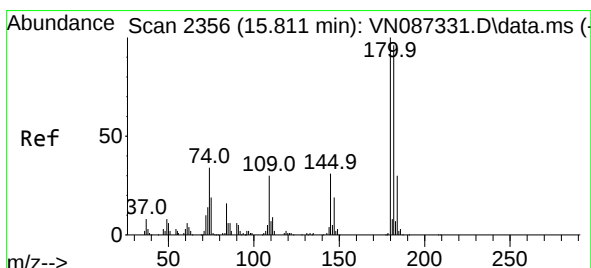
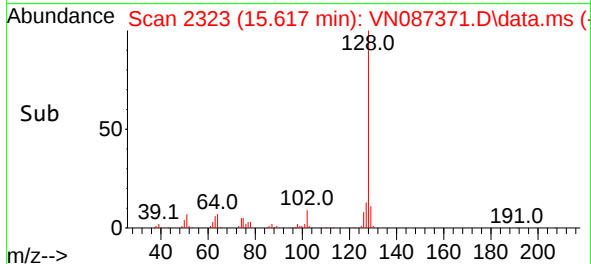
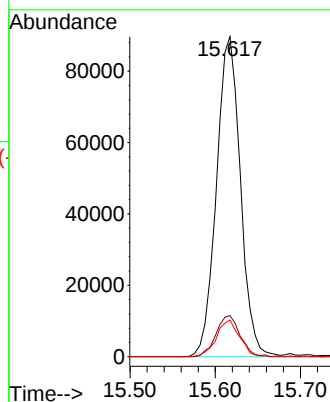
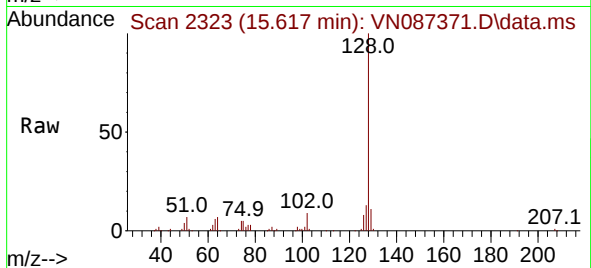
Tgt Ion:128 Resp: 175395

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 18.966 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087371.D

Acq: 21 Jul 2025 11:55

Tgt Ion:180 Resp: 54756

Ion Ratio Lower Upper

180 100

182 95.0 47.1 141.4

145 32.8 16.9 50.6

